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CANADA
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MCKENZIE'S SEEDS

1916

20TH
ANNUAL

BRANDON
MAN.

IMPORTANT.—It is our sincere wish that every Farmer and Gardener who desires to obtain the **finest quality** in Seeds of all kinds will retain this **McKenzie Catalog**—our twentieth annual—for reference as required. Our aim has been to make it more helpful than any of its predecessors and we venture to think the arrangement and general classification will appeal to every buyer of seeds. We are sure the **quality** of the seeds will.

The formation of a perfect lawn requires a good deal of care—much more than is usually given. The **first essential** is good seed, composed of suitable ingredients and scientifically mixed. It is impossible to obtain finer mixtures than those mentioned on this page.

Absolutely cleanest and best.—Unrivalled for Purity. Properly Balanced Mixtures—Scientific Preparation.



Three Famous Lawn Grass Mixtures

McKENZIE'S EMERALD GREEN LAWN SEED

is scientifically combined with the highest grade, early, medium and late grasses essential to a perfect, beautiful and durable lawn from the early spring to late fall. Our experience of many years has given us a thorough knowledge of grasses, their habits and requirements.

We know the varieties that mature and flourish at various periods of the summer, the different sorts that blend best for finest results, the grasses that are the hardiest and best suited to Western soils and climate.

For a **PERFECT** and **ENDURING LAWN** of closely interwoven, firm, elastic turf, which will **FLOURISH** under our soil and climate conditions and show a **LUXURIANT, RICH GREEN GROWTH** throughout the year, use **McKENZIE'S EMERALD GREEN LAWN SEED**.

1530—PRICE: One pound 40 cents Postpaid (one pound 30 cents without postage); ten pounds or more, 29 cents per pound; over 50 pounds, 28 cents per pound.

If ordered sent by mail add 10c. per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. Orders for 10 lbs. or more add 25c. for cotton bag.

McKENZIE'S WESTERN PARKS LAWN SEED

The price quoted by any Reliable Seed House should represent the quality of the seed. The mixture of course can be based only upon experience. If you want the best lawn that money and experience will produce use **McKENZIE'S EMERALD GREEN LAWN SEED**. However, to accommodate patrons desiring a cheaper mixture we quote **WESTERN PARKS**, cheap in price only, as it is our earnest endeavor to give a better mixture at the price than can be secured elsewhere.

1535—PRICE: One pound 35c. Postpaid (one pound 25c. without postage); ten pounds or more 24c. per lb.; over 50 pounds 23c. per lb.

If ordered sent by mail add 10c. per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. Orders for 10 lbs. or more add 25c. for cotton bag.

McKENZIE'S SPORTING GROUND MIXTURE

For School Grounds, Large Farm Yards, &c. For Tennis Grounds, Football Grounds, Race Tracks, &c.

McKenzie's Sporting Ground Mixture is a carefully selected and prepared mixture for tennis grounds, football grounds, race tracks, school grounds, cemeteries, etc., where the area seeded is intended to encounter hardship. A mixture that will grow quickly and possesses qualities of endurance is what is requisite. **McKenzie's Sporting Ground Mixture** possesses the necessary qualities. It will not make as fine and beautiful turf as **McKenzie's Emerald Green Lawn Seed**, as this special high-grade mixture is intended exclusively to produce the most handsome lawns in Canada. Sow at the rate of 80 pounds per acre.

1540—25 lbs. or more at 18c. per lb. at purchaser's expense; 50 lbs. 17c per lb. Cotton bag, if required, 25c. additional.

If ordered sent by mail add 10c. per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. Orders for 10 lbs. or more add 25c. for cotton bag.

QUANTITY REQUIRED.—(To secure the best results, we recommend a liberal seeding, which will give a firm, close turf very quickly. If seeded lightly, grass is liable to grow tufty, and weeds predominate, requiring re-cleaning of the plot and re-sowing the following season. 1 lb. to a plot 10 x 20 or 200 square feet, 5 lbs. to 1,000 square feet, etc. Acre lots may be sown more thinly—about 100 lbs. to the acre.)



CALGARY, ALTA.

Do not overlook including Cotton Bags where needed. Price 25c. each.
Be sure to give your Name and Address, and keep a copy of your order as sent to us.
Extra order forms mailed upon request.

CALGARY, ALTA.

NOTICE - If there are any new Settlers in your District whom you would like to see get our Catalog and who would be interested in same, kindly write their names and addresses below, and we will send them a copy each, if our supply is not exhausted.

About Ourselves

THE remarkable and rapid growth of the "McKenzie Seed Institution" can be attributed to its earnest endeavor to supply seeds of undoubted first grade quality. That we have succeeded is amply substantiated by the magnificent building illustrated below, which is the largest, most up-to-date, and best equipped Seed Warehouse, devoted to the Seed business, in Western Canada. "McKenzie's Seeds" are now so well known in the Canadian West that they are a household word and it is extremely gratifying to us to know that we supply over Four Hundred Thousand satisfied users of seeds in the Western Provinces.

Quality

Our first aim and ideal is to supply only seeds of undoubted quality and we will not grow or handle other than the very best it is possible to produce. We confidently assert that it is impossible to obtain better seeds anywhere, no matter what price is paid.

Location

We early recognized the needs for a House located in the heart of this great agricultural West. A House that could study the country's needs and grow pure UNADULTERATED SEEDS.

As in earlier years so now BRANDON offers splendid railway facilities.

With advancing years the growth of our business necessitated our establishing a House at Calgary in 1908.

We are the only Seed Institution occupying the two ideal distributing centres of Western Canada, where mail can be delivered quickly and seeds delivered with dispatch to every nook in the four Western Provinces, in the shortest time at the least expense to the buyer.

THE PLACE TO GET YOUR SEEDS



"McKENZIE BUILDING" BRANDON

There are eight (8) floors in this building. Equivalent space of seven floors is used in the handling of the McKenzie Business

Price

Our prestige in the seed business is such that we are enabled to grow our supplies on the most advantageous terms which places us in the finest position possible to combine moderate prices with the McKenzie Quality. Low, attractive and tempting prices will doubtless appeal to economically inclined individuals; but it should always be borne in mind that the only way to ensure big harvest profits is to use highest quality seeds.

Progress

As Western Canada develops so does the McKenzie Seed Institution. Our aim and ideal is to keep pace with the requirements of the Agricultural community and so enhance its progress and prosperity. If you have not already sown McKenzie's Seeds you are invited to try and prove them.

The finest and best equipped building devoted to the Seed Business in Western Canada.

OUR Service Bureau.

Canada has given us an opportunity of endeavoring to solve many of the Seed problems which confront the Farmer. We have opened a "Service Bureau" and place the same at the disposal of all who care to address us upon their problems in relation to Seeds. Limited space does not admit of elaborating upon the extensiveness of the service we purpose to render, but suffice it to say that if the reader has problems upon which he thinks we can be of service, we invite him to submit his difficulties and we will endeavor to give practical help.

In addition to the foregoing service, we have for several years issued booklets or treatises upon a number of leading subjects relating to Agriculture. These are supplementary to any specific problem or difficulty upon which we may be specially addressed and may be had on the following terms.

The Regular Price of each of these Books is 10 cents but we will upon request GIVE A BOOK FREE with orders for each of the article or articles upon which the book treats. To those who do not order the varieties treated in the books, we will send any 10-cent book for 5 cents postpaid, or the 9 for 30 cents.

Your Interest is Ours

Do not imagine that our interest in McKenzie's Seeds ceases as soon as we have effected a sale. Not by any means. Our first and fixed determination is to supply genuine seeds of high quality. Secondly, we are pleased to learn of their successful growth and so keen is our desire to make each and every buyer a satisfied customer that our concern extends even to publishing a Cook book giving directions how to prepare palatable and pleasing dishes of vegetables grown from McKenzie's Seeds.

FREE—9 BOOKS OF PRACTICAL EXPERIENCE—

9 Books Free

WITH ORDERS

A single idea that will save time, labor, expense; a mere suggestion that will improve the quality, increase the yield, enrich the soil; the slightest hint that would perfect farm and garden management, improve methods, increase profits, eliminate crop hazards, introduce better varieties, are sufficient reasons to render all of these books of inestimable value.



How to cook Vegetables.
Millet and why they should be Grown.
Money in Hogs (Rape, Millet, etc.
Onions and How to Grow Them.
Clover in the Canadian West.
Alfalfa in Western Canada.
Profitable Poultry.
Lawn S.
Sweet Peas and their Culture.

Business Terms and Suggestions

ORDERS—When possible use our order blanks and envelopes to be found in catalog and follow the directions thereon carefully. Each and every order you send should give full shipping directions.

REMITTANCES—By far the cheapest, safest and best way to remit, is by Express or Post Office Orders; this gives a receipt to trace, in case it goes astray, or if more convenient, send by registered mail. Our terms are cash with every order.

NO C.O.D.—We do not send goods C.O.D. There is no good reason for such a method, as goods are priced in this catalog. In the past we sometimes granted this favor, but the privilege was so abused that we are obliged to enforce the rule of no C.O.D.

PRICES—We pay postage (except where otherwise noted) on all Seeds in Packets, Ounces and Pounds, without any extra expense to the purchaser.

SAFE ARRIVAL GUARANTEE—For 5 cents additional added to each order we will guarantee the safe arrival of all packages by mail.

BAGS—Orders exceeding 10 lbs. of Grass Seed and the lighter Vegetable Seeds, or 20 lbs. of grain and the heavier lines, to go by express or Freight, require cotton bags for shipment. These bags are extra at 25c each.

INQUIRIES—Should you have occasion to address us on any subject write us on a sheet of paper separate from order, otherwise it necessitates holding and delaying your order in our correspondence department.

PREPAID RAILWAY STATION—Sometimes our customers require their shipments sent to points on railway where there are no agents. In all such cases money to prepay freight must accompany order, otherwise rather than delay order we reduce quantity ordered sufficient to pay transportation charges. If name of station where you wish us to ship is not given, we use our discretion.

ONION SETS, POTATOES, RHUBARB, HORSE RADISH ROOTS, ETC.—We commence sending out this class of stock as soon as danger from frost is past. Customers should not get impatient if this portion of their order does not arrive with the seeds.

EXPRESS SHIPMENTS—We advise all Customers by postcard, same day shipment is dispatched. Preserve this card and present it to your local Agent.

FREIGHT SHIPMENTS—As a notice to Customers that their Freight shipment has been forwarded, also to enable them to trace, we mail shipping bill, same day shipment is made. Preserve this shipping bill and present to your local Agent.

NOTICE

Such is the confidence we have in our Seeds, the candor of our Customers, and our desire to give satisfaction, that if on arrival of shipment the Seed upon examination is not found to be as represented in this Catalog we request the Buyer to mail us a quarter-pound sample, write a short letter giving particulars and if there is reasonable cause for complaint we will promptly authorize the return of the shipment, we paying freight both ways, and it will BE DONE WITHOUT "HUMMING OR HAWING" AND MONEY CHEERFULLY REFUNDED.

Whether using our Order Forms or plain stationery, sign your name and address at top first to make sure it is there.

TRACING—We acknowledge every order by postal which bears your order number and if it becomes necessary to make inquiry or write concerning order, be sure and use this number. If, after waiting a reasonable time, you fail to receive an acknowledgment of your order, advise us, giving date mailed, amount remitted, and we will do our best to trace the same.

ORDER NOW—March and April are very busy months with us; for this reason it will be greatly appreciated if buyers will favor us by ordering before these months if possible, as it materially assists and facilitates business.

ERRORS—None of us are infallible; we all make an occasional mistake. Considering the thousands of orders we handle, our errors are few, and never intentional. Should there be an oversight, write us pleasantly, as we are most anxious to correct.

CAUTION—Beware of parties who fraudulently represent us and collect money in our name. Our customers are warned against paying money to anyone in this way. All remittances should be direct to our firm.

IMPORTANT—Sometimes orders are received by us lacking either name or address, or both; make doubly sure order is signed and full postal address given before mailing.

WE DO NOT WARRANT—We appreciate that only by furnishing seeds that will contribute everything to your success can our mutual interest be served and while we (A. E. McKenzie Co., Ltd.) exercise care to have all Seeds pure and true to name, we do not give, our employees and agents are forbidden to give, any warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds we sent out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, advise us at once, and money paid for same, including freight, will be promptly refunded.



See page 4 for Cash Discount on Postpaid prices.

\$1975.00 CASH PRIZES



McKenzie's Cash Prize Offer for "Best Vegetables" has become increasingly popular. Expressions of appreciation from all parts of the Canadian West encourage us in its renewal another season. Owing to the lack of space we are regrettably prevented from giving as much prominence to the Prize section as in previous years, but our offer remains the same. The above sum represents the total Prize Money we are offering for competition in the Provinces of Manitoba, Saskatchewan, Alberta and British Columbia in 1916 and is open to every Agricultural Society in those provinces. Every purchaser of McKenzie's Seeds may participate in this offer and all have an equal chance of winning the McKenzie's Special Prize offered under the auspices of their society.

McKenzie's Pedigreed Seeds cost no more than ordinary Stocks but are certain prize-winners.

For Special Cash Prizes on Corn see page 54.

The McKenzie Photo Competition

SOMETHING NEW

In order to create and stimulate greater interest among our Customers we are offering for the first time a Special Prize of \$5.00 for the best Photograph sent in to us illustrating the produce of McKenzie's Seeds purchased during season 1916.

We suggest the following as being suitable subjects for photographs:

- 1.—Single specimens of Vegetables or Flowers.
2. Collections of Vegetables or Flowers (tastefully arranged.)
3. Corner of a garden or field scene giving evidence of good cultivation and careful planning.

All are cordially invited to compete for this Prize. There are no special conditions beyond our reserving the right to use any of the photographs for publication if desired and that our decision in awarding the prize is final.

Make up your mind to enter for this interesting competition, remembering that the greater the number of entries the higher the standard of excellence. "McKenzie's Seeds" are Prize Winners and will help you to produce something good. Our aim and ideal always is to improve and encourage increased interest among those who have gardens; and who has not some available space that cannot be quickly transformed into a garden?

OUR PRIZE OFFER

We offer to every Agricultural Society in Manitoba, Saskatchewan, Alberta and British Columbia a Cash Prize of \$5.00 to be given to the Winner of the First Prize for the Best Collection of Vegetables (offered by the Society) provided the Vegetables are grown from McKenzie's Seeds.

We also offer Four Additional Cash Prizes of \$25.00 each, to be awarded to the Exhibitor, in each of above Provinces, winning during the season of 1916 the greatest number of Prizes with Vegetables, Flowers, Seed Grain, etc., grown from McKenzie's Seeds.

IMPORTANT.—Those of our customers wishing to compete for a Provincial Prize \$25 must notify their intention direct to us (A. E. McKenzie Co., Ltd. Brandon) not later than 1st November, 1916 so that we may have the name of each contestant on file.

The above offers to be effective must be acknowledged by letter by each Agricultural Society accepting it, have our confirmation and be published in the Societies' Official Prize List according to our instructions.

Call the attention of the Secretary and Directors of your Fair to this offer, and have it entered in the Official Prize List.

SEED SITUATION.

It is many years since the Seed Trade, world wide has experienced such trying conditions in order to provide adequate stocks to meet the demand.

There has been a diversity of causes contributing to the phenomenal shortage. No seed-producing district has been immune from unfavorable weather or other causes.

Take, for instance, crops of Beans and Corn which were being grown for Seed. We question if there has been such a general failure in the past fifty years. A yield equivalent to the seed planted was an extraordinary return. While Beans and Corn are striking illustrations of failure, crop delivery on many other varieties has been most disappointing.

While the growing season was exceptionally favorable in the West for cereal crops, harvesting conditions were just as exceptionally unfavorable, and in consequence the vitality of most cereals was impaired. In many districts Oats are worthless for seed purposes, owing to early frosts. We caution farmers to at once test their seed Oats for germination.

Notwithstanding the above conditions we have endeavored to provide liberal stocks and to make prices as reasonable as crops and consequent deliveries permit.

We invite intending purchasers to take full advantage of our extensive equipment, organization, and stocks in order to protect their seed requirements for approaching Spring. Order early.

McKenzie's Tested Seeds

The Best—by Test—for the West

We consider this page one of the most important in this catalogue, as it has such close bearing upon that greatest of all factors, *i.e.*, **Quality**. Seeds may be selected, grown and harvested with the utmost care, and cleaned with the most modern and perfect machinery; but if they do not show a **high percentage of germinating power** they are useless for seed. It is therefore necessary for the Seedsman to **know** positively that the Seed he offers is of that standard of vitality which will produce a **satisfactory plant**. The "**McKenzie Seed Tester**" shown below is one of the latest and best designed to meet the requirements of an up-to-date Seedsman, and no seeds leave our hands unless they have successfully passed **most rigid and repeated germination tests** in this specially made tester. We do not guess or presume our seeds are true to type and of strong vitality. We **know** and send out only seeds which will sustain **OUR REPUTATION**. When buyers of Farm and Garden Seeds can secure from any firm of Seedsmen:—

—**QUALITY — MODERATE PRICES — EFFICIENT SERVICE**—and in addition find the goods are **STANDARD** goods it is obviously good policy to concentrate their expenditure as much as possible to the house which serves them well. We claim to come under this category.

The **McKenzie Quality—McKenzie Prices** and **McKenzie Service** place **McKenzie Seeds** in a class to themselves.



A Sectional View of Seed Testing Laboratory.

Special Cash Discount To Buyers of McKenzie's Seeds

Take advantage of this unique offer. By mailing your orders to us either at Brandon or Calgary you will **save money**. Our Houses being located at such convenient and central points enable us to offer you a **Special Cash Discount** on your Seed purchases. For instance, if you order **not less than four one (1) pound quantities of any Vegetable Seeds, Flower Seeds, Grasses, Clovers or Grains** quoted herein at the one (1) pound postage paid price, you may deduct a **Special Cash Discount** on the following basis:—

	4lb.	5lb.	6lb.	7lb.	8lb.	9lb.	10lb.	11lb.
From Brandon								
Manitoba points.....	.18	.24	.30	.36	.42	.48	.54	.60
Saskatchewan points.	.12	.16	.20	.24	.28	.32	.36	.40
From Calgary:								
Alberta points.....	.18	.24	.30	.36	.42	.48	.54	.60
British Columbia pts.	.12	.16	.20	.24	.28	.32	.36	.40

Observe carefully the following exceptions:—

1. This discount does not apply to one pound quantities of **Onion Sets, Garlic, Potatoes, Bird Sundries, Poultry Supplies, or other miscellaneous stocks** apart from seeds.

2. This discount does not apply on an order weighing four

pounds or more, unless the order is made up of at least **four single one pound quantities**, at the one pound postpaid price.

Do not forget that a total weight of **four (4) pounds** is the minimum weight to which this **Special Discount** applies.

Example: If in making up your order comprising quite a number of items, there is, say, one pound each of **Beans, Corn, Peas, Turnip** or a one (1) pound quantity of any other variety, (except as provided under exception 1), if your Post Office is in **Manitoba** or **Alberta** you are entitled to deduct 18c., if **Saskatchewan** or **British Columbia** 12c.—(see schedule). If you ordered say 11lbs., made up of one (1) pound quantities as described above, you deduct 60c. for **Manitoba** or **Alberta** or 40c. for **Saskatchewan** or **British Columbia**. Discount cannot be allowed on quantities under one pound or on quantities of one variety weighing over four pounds.

"The Best by Test for the West—McKenzie's Seeds"

"The Kitchen Garden" Has Come to Stay

IT IS A POSSESSION that may readily and easily be acquired by anyone and everyone with a few square feet of ground.

It is almost beyond the imagination of the average householder to form an idea of the possibilities that a few feet of ground hold out to them. These remarks are addressed more particularly to those resident in towns and cities where it is not perhaps so generally understood or appreciated what transformation can be made with a little taste—artistic sense, and a few **GOOD SEEDS**. Naturally beauty is not dependent upon possessing wealth. The mechanic's cottage may be made as attractive externally as a rich man's palace.

THERE IS NO REASON WHY that vacant space cannot be transformed into a veritable "Pleasure ground."

YOU CAN GROW VEGETABLES OF ALL KINDS to come in for table use at their proper season—delicious aren't they? Just a little preparation of the ground,—sow the **Seeds—must be GOOD SEEDS** of the best quality and strong germinative power—**McKENZIE'S**—and the rest is easy.

If you have not experienced the pleasure and personal satisfaction derived from growing your own vegetables we strongly recommend you to make a start this year. The results will surprise you, and the benefits accruing from this most healthy, enjoyable and profitable hobby will make you wonder why you have not thought of it before. The cost, too, is infinitesimal. An outlay of one dollar (\$1.00) will keep a moderate sized family in Vegetables which you can gather from your own garden in perfectly fresh condition.

YOU CAN GROW FLOWERS OF ALL KINDS in almost any garden. There are some varieties that will astonish you with their wondrous beauty and ease of cultivation. The varieties enumerated in this catalog have been specially adapted to meet the requirements of the Canadian West, and will give pleasure and satisfaction to all who sow them.

"Flowers are the beautiful hieroglyphics of Nature, by which she indicates how much she loves us."

Goethe.

What the **DOMINION AGRO-TOLOGIST**, M.O. MALTE, Esq., says:—

"Saving money is not always true economy, but getting full value for our money is economy. When we buy cheap seed we may save a few cents on the initial transaction, but we will not likely get full value for the money spent, as cheap seed often means seed which will not produce crops of of best quality and desired tonnage. Further, cheap seed will probably include many weed seeds. The extra labor required to keep the weeds down and the reduced value of the crop owing to the presence of weeds make "Cheap" seed dear at any price."

Extract from Bulletin No. 3,
Nov. 1915.

McKENZIE'S COLLECTIONS OF VEGETABLE AND FLOWER SEEDS

When Ordering simply give Name of Collection or Number desired

MANY OF OUR CUSTOMERS are continually requesting us to recommend a good garden selection of Vegetables or a fine assortment of flowers for best display in the West. For their benefit and others who prefer to accept our recommendations and order by groups instead of single varieties, we have prepared several collections of each, at different prices, assortments that are admirably suited to the Canadian West.

"FARMERS GARDEN" Collection

1561

- BEAN**—Dwarf Black Wax—A leader, unexcelled.
½ lb.
- BEET**—McKenzie's Extra Early Turnip—Very early, round and blood red.—1 Pkt.
- CITRON**—For preserving.—Pkt.
- CARROT**—Oxheart—Short and thick, beautiful orange-red, fine quality, big cropper.—1 oz.
- CORN**—Squaw—An early maturing variety.—½ lb.
- CUCUMBER**—McKenzie's Prolific—The best for slicing or pickling.—Pkt.
- LETTUCE**—Grand Rapids—Beautifully curled, tender and delicious; grows freely.—Pkt.
- LETTUCE**—Iceberg—Very solid, cabbage form; superior quality.—Pkt.
- ONION**—Yellow Globe Danvers—A standard variety; early, large, fine quality, and good keeper.—1 oz.
- PEAS**—Nott's Excelsior—Dwarf, very early, large peas of finest quality; great yielder.—½ lb.
- PARSNIP**—Manitoba Prize Intermediate—An excellent variety, of fine flavor.—Pkt.
- RADISH**—French Breakfast—A great favorite.—1 oz.
- SQUASH**—Early Orange Marrow—Great keeper; delicious quality.—Pkt.
- TURNIP**—Early Snowball—Pure white, crisp, tender and sweet.—1 oz.
- Price.....\$1.60. Postpaid.

"SWEETHEART" Collection of Annuals

1562

- One packet of each
Perfect Blooms the First Year
- Aster Giant Comet or Plume Pansy, Trimardeau, mixed
Candytuft, mixed Petunia, single mixed
Centaurea, (Bach's Button) Phlox, Drummond, mixed
Chrysanthemum, mixed Poppy, Shirley mixed
Larkspur, Double Rocket Stocks, Ten-weeks, mixed
Eschscholtzia, mixed Sunflower, Stella
Gaillardia, double mixed Sweet Peas, McKenzie's
Lobelia, Crystal Palace Prize, mixed
Marigold, French, mixed Verbena, mixed
Mignonette, grandiflora Zinnia, McKenzie's Su-
Nasturtium, dwarf mixed perb mixture
- Price.....\$1.10. Postpaid.

"ALL COLORS" Collection

1563

- One packet of each
(For Home and School Gardens)
- Makes delightfully attractive playgrounds. With a small expense of labor, the most instructive of school-rooms and the happiest of play grounds may be formed.
- Asters, all colors Pansy, all colors
Mignonette, Sweet Phlox, all colors
Morning Glory, tall all, colors Pinks, double, all colors
Nasturtium, Dwarf, all Stocks, Ten Weeks, all colors
colors Sweet Peas, all colors
- Price.....50c. Postpaid.

"BACHELORS HOMESTEAD" Collection

1564

- BEANS**—Dwarf Black Wax—A combination of good qualities.—Pkt.
- BEET**—McKenzie's Extra Early Turnip—Fine shape, best quality.—Pkt.
- CARROT**—Oxheart—Fine shape, beautiful orange-red, finest quality; good cropper.—Pkt.
- CABBAGE**—Ey. Winningstadt—One of the best.—Pkt.
- LETTUCE**—Grand Rapids—Early, beautifully curled, tender, grows freely.—Pkt.
- ONION**—Extra Early Red—Very early, one of our best.—Pkt.
- PARSNIP**—Manitoba Prize Intermediate—An excellent variety of fine flavor.—Pkt.
- PEAS**—Nott's Excelsior—Dwarf, very early, very productive, finest quality.—Pkt.
- RADISH**—French Breakfast—Early, red with white tip; a great favorite.—Pkt.
- TURNIP**—Early Snowball—Pure white, tender and sweet.—Pkt.
- FLOWERS**—Mixed Wild Garden—Embracing many brilliant varieties.—Pkt.
- Price.....50c Postpaid.
- "STOCKMANS" Collection**
- 1565
- ½ lb McKenzie's Giant Sugar Beet.
½ lb McKenzie's Manitoba Giant Yellow Mangel.
½ lb. Long Red Surrey Carrot.
½ lb. McKenzie's Northwestern Swede.
1 lb. Dwarf Essex Rape.
Price.....\$1.50. Postpaid.



Solanberry

TRY
THESE



Wonderberry

Photograph (much reduced) taken on October 14, 1915, showing the Solanberry still growing and bearing an abundance of fruit while the Wonderberry was cut down by 13 degrees of frost on the 22nd August. Tomatoes, Corn and Beans growing in the adjacent plots were also killed at this time

The Solanberry

In 1911 we introduced the Wonderberry to the Canadian West.

Every claim we made in its favor at that time has been fulfilled. The Wonderberry is now an established favorite from the Great Lakes to the Pacific.

The number of fruits that can be successfully grown in this area, (the Canadian West), is somewhat limited, and any addition to their number is eagerly sought after.

The Solanberry our latest introduction eclipses the Wonderberry, and constitutes a "forward step" in the movement to provide table delicacies which can be grown in the west with success.

It belongs to the same family as the Wonderberry, (Solanum) but bears many characteristics which distinguish it from that plant. The habit of growth and shape of leaf are different, while the fruit is borne much more prolifically and is of decidedly better quality, both in flavor and size of berry. All who tasted it in our trials were simply charmed. Hardiness, is one of its exceptional features. It has (so to speak) a "cast iron" constitution.

Planted out the first week in June it grew and flourished, while all around it, Beans, Corn, Tomatoes, and even the Wonderberry were "withered" by the frosts experienced in the early part of that month.

The first Solanberries were gathered on the 15th August, and the plants continued to provide a continuous and plentiful supply of luscious fruit till the end of October. The ground had to be then cleared to prepare for next year's crop otherwise they would have continued bearing longer.

There was 13 degrees of frost on the 22nd of August which completely killed Corn, Tomatoes, and Wonderberries, but it did not affect the Solanberries, they continued growing and bearing fruit and seemed to treat "Jack Frost" with contempt; the only perceptible effect of his visitations was the improved quality of the fruit.

Give this berry a trial, we know you will be pleased with it.

1555. Sealed Packets, each containing seventy-five Seeds. . 15c

Your cheque received for Special Prize on best collection of vegetables at Rosthern Fair, for which I thank you and the splendid returns your seed has given me through this dry summer just past with only three light rains and two from watering by hand from well. I have also been successful there. Out of seven, I have taken two first, two second and one third. The total this year is 12 firsts, seven seconds, and one third with five firsts and two seconds. Again thanking you for your Special Prize and your prompt way of doing business.. F. W. HARVEY,
Nov. 10th, 1915. Rosthern, Sask.

I had splendid success with Squaw Corn purchased from you and could have supplied three families from seed sown. I also had a lovely showing of Spencer Sweet Peas from Seed bought from you and the Pansies did well too. The Cabbage seed was good. Your seeds seem to have plenty of vitality and gave good satisfaction. CHAS. WRIGHT,
Nov. 10th, 1915. Mantario, Sask.

How we discovered it

We are always on the alert for any plant that may prove of value to the territory it is our pleasure to serve.

In March, 1915, our esteemed customer Mr. N. P. Evans, sent us a packet of a berry which he had been growing for a few years. He did not know the name of the plant, but his description of its character appealed to us very strongly, and we therefore arranged to have a careful trial made.

We watched its progress with considerable interest and it certainly made good every claim put forward for it by Mr. Evans, viz: "Very hardy, requires no hot bed or other nursing, ordinary fall frosts do not injure but seem rather to improve the fruit which looks almost exactly like a black currant, it is almost as certain as death and taxes."

The climatic conditions experienced during the growing period of season 1915, viz: June, July and August were unusually severe, and undoubtedly were such as to put to a final test the hardiness of any plant. The Solanberry triumphed over every unfavorable condition.

Recognizing the responsibility that our unique position in the seed trade places us in regard to the development of the country, we immediately took steps to have a quantity of seed carefully harvested and feel gratified that we are able to distribute this wonderful berry to thousands of our customers.

We do not claim to have originated this valuable acquisition any more than Sir Walter Raleigh claimed to have originated the Potato. His introduction of it to the "Old World" made a contribution of untold value to his own and succeeding generations. We believe the Solanberry will become as well known, useful and popular, as the Potato.

In placing our unequalled facilities for its rapid distribution to every corner of the West at the service of our customers we are making a contribution which will add to their comfort and happiness which will be appreciated.

The Wonderful "Wonderberry"

(Sunberry) Ripens from Seed in Three Months.

The Wonderberry is one of Burbank's, (the celebrated California scientist) greatest creations. Offers to the home economist an excellent opportunity for making Pies, Syrups, Canning, Jams, Preserves, Jelly, Spices, Pickles, Wine, Greens and general table use.

We send a book of dainty Wonderberry recipes with each packet.

This wonderful berry is blue-black in color, and in appearance closely resembles the Blueberry. It has a very fine flavor. While the cut is an excellent reproduction, showing the exact size, shape and cluster-like manner of growth, it does not, however, convey an intelligent idea of its habit.

The plant sends out from one root-centre hundreds of shoots or vines, and each vine is one veritable mass containing thousands upon thousands of berries.

As its name (Sunberry) indicates, it requires considerable sun, to ripen the berries. For this reason seed should be sown indoors in early March (otherwise it will not ripen), transplanting to the open when weather permits. If started indoors, great abundance of berries will be your reward; 25 to 50 plants 3 feet apart each way being ample for ordinary requirements.

1550—Packet, 10c. Postpaid.

Photo by A. E. McKenzie Co., Ltd.



***The cultivation of Vegetables** for home consumption continues to increase. To those who have not yet tried to grow their own vegetables we would specially appeal, being convinced that once they realize the pleasure and personal satisfaction to be derived from this healthy, enjoyable and profitable hobby they will never be without a Vegetable Garden. The following varieties of **McKenzie's Tested Vegetable Seeds** are of exceptional merit and we confidently recommend them to our customers. Those offered under our own name are the result of extra special selection and have proved themselves far ahead of the ordinary stocks. No one who has a garden can afford to miss these grand selections—they are pre-eminent in their respective classes.

Prices quoted include Postage paid by us. Every variety is indicated by a number, please order by number.

*Full cultural instructions are sent with every vegetable seed order—you may find something you will grow when you see how easy it is.

COMPARATIVE VALUES.

Beans, Corn, and Peas are sometimes offered by measure—we offer by weight. When comparing values it should be borne in mind that a pint is from one ounce to quarter pound less than one pound. The same also applies to several grasses.

ARTICHOKE.

1—Large Green Globe. Cultivated for its flower heads, which resemble a giant thistle, and are cooked as you would Asparagus. Buds large globular, deep green with tint of purple at base

ASPARAGUS.

- 11—Conovers Colossal. Large and hardy.
12—Palmetto. Shoots are light green, tinted slightly with pink.
13—Giant Argenteuil. Large thick white shoots.

Asparagus Roots. Page 32.

Pkt.	oz.	¼ lb.
.05	.85	
.05	.25	.50
.05	.25	.50
.05	.30	.60

BEANS

DWARF BLACK WAX

BEARS CONTINUALLY THROUGHOUT THE SEASON

26—If we had a slogan for this Bean, it would be "Neither imitation nor limitation," for it certainly is a grand old variety. Everybody loves the Dwarf Black Wax.

Owing to its exceptional sweet buttery flavor Black Wax has always been one of the most popular and most generally grown.

While the Pods are a trifle shorter than the old favorite Flageolet, they are much thicker, more rounded in shape and much more luscious. It has that rich flavor so much desired but seldom found; it is very brittle, tender, sweet, cooking rich and meaty.

In habit of growth it is very dwarf, averaging 14 to 16 inches and of a Rich Golden Yellow Color.

Pkt. .05; ½ lb. .25; 1 lb. .45. Postpaid.

WARDWELLS KIDNEY WAX

THE BETTER IT IS KNOWN THE MORE IT IS APPRECIATED

28—Every characteristic essential of Wardwell's Kidney measures up to expectation. It possesses in abundance excellent and desirable qualities.

Its cropping qualities are phenomenal, yielding equally as well as the Golden Wax. Its handsome waxy yellow, brittle pods are remarkable for their fine flavor, being very sweet. The plant is a sturdy, upright bush, growing about 15 inches high. Pods straight, flat, 5 to 6 inches in length, are of nice uniform shape; there is little or no cavity between kernels, all solid flesh, the quality of which is sustained throughout, and planters generally find it one of the most satisfactory and remunerative crops they can raise, either for home or market. Pkt. .05; ½ lb. .25; 1 lb. .45. Postpaid.

The following extract was taken from the address of Mrs. W. C. White before the Women's Institute and appeared in the Carmangay Sun, the leading paper of that town:

"Get seed from a firm with a reputation, and be careful to find out that it was grown specially for the West. Personally, I use McKenzie's Seeds exclusively, having had more success with them than with any others."

McKenzie's Extra Early Six-Weeks

EXTENSIVELY GROWN FOR SHIPPING. AN EXCEPTIONAL FINE TYPE FOR CANADA.

50—This Bean has a commercial value that has kept it in a commanding position for years, viz.,—its habit of remaining tender long after picking. As a consequence the demand for this bean, particularly in farm communities, is tremendous. It permits of picking a day or two prior to marketing without losing any of the brittleness or tenderness so much desired in a good luscious table Bean.

This bean can be shipped long distances without fear of its losing any of its superb eating qualities.

Its extra earliness, combined with its exceptional hardness, has made it of considerable prominence throughout the Canadian West, where a vigorous climate of extremes in heat and cold, demonstrates only too conclusively the types and varieties best suited to Western conditions.

It is a long flat green pod variety of especial merit, brittle and luscious. A bean that never fails to retain its old friends and make new ones.

Pkt. .05; ½ lb. .25; 1 lb. .40. Postpaid.

**McKenzie's
Extra
Early**

**Yellow
6-weeks
Bean**



Yellow 6-Weeks Bean.

Beans, Corn and Peas, we deliver Postage Free

Photo. by E. A. McKenzie Co., Ltd.

Beans—McKenzie's Improved Golden Wax

The Most Prized of all Wax Butter Beans.

25—Its remarkable productiveness and adaptability to the varied conditions of the West, combined with many other superb characteristics make this by far the best variety to grow for profit or pleasure. Although not the very earliest, it is unquestionably the heaviest cropper (growing to perfection in our Western prairie soil) and its certainty in this respect makes it the most valuable. Practically every one who has ever grown Beans is more or less familiar with the wax varieties. We particularly wish to call attention to the Selected Golden Wax Seed we send out. We have had many expressions from keen discriminating gardeners extolling our seed. Another very desirable feature with this strain of Golden Wax is its habit of retaining its extreme tenderness throughout the season, thus valuable as a succession crop. The bushes are remarkably hardy and extremely prolific, about 16 inches high.

Photo. by A. E. McKenzie Co., Ltd.

The pods averaging six inches long, are exceedingly handsome, large, broad, thick and solid, flesh of exceptional fine quality, very tender, brittle, stringless, and beautiful golden yellow color of a very appetizing appearance. It has a most delicate and delicious flavor. See illustration.

Pkt. .05; 1/2 lb. .25; 1 lb. .45. Postpaid.

McKenzie's Matchless Green Pod

The Earliest, the Hardest, the Best of all Green Pods.

48—That this Matchless Bean is one of Nature's choicest gifts to our age is acknowledged by all impartial and unprejudiced gardeners and farmers. It is the finest and best of all Green Pod Stringless Beans.

The plants are of erect sturdy habit averaging the uniform height of 18 inches; are exceedingly robust and noted for their extreme earliness and productiveness. Is undoubtedly the very best variety to plant at intervals so as to have a continuous supply of beans throughout the summer. The bushes are absolutely covered with large clusters of rich green pods, which are not only of handsome appearance but are well-rounded, saddle-backed, very meaty, tender and brittle, being devoid of any indications of stringiness even when the pods are fully developed.

Pkt. .05; 1/2 lb. .30; 1 lb. .50. Postpaid.

Earliest Red Valentine

Very Early in the Spring.

Late in the Fall

As an early "Snap Bean" with undeniable claims, praised by market gardeners and private growers, it is not easily excelled, combining all the necessary qualities such as earliness, productiveness and excellent flavor in a very marked degree. The bushes are of upright growth, of robust habit, with a uniform height of 16 inches. The pods average 5 inches in length, of excellent flavor, the flesh being not only very meaty but of a decided sweetness. The shapely pods are well rounded, very saddlebacked and decidedly brittle and almost stringless, especially when young. The foliage is a deep rich green and ample to protect the beans from the sun.

49—Pkt. .05; 1/2 lb. .25; 1 lb. .40. Postpaid.

English Broad Windsor Bean

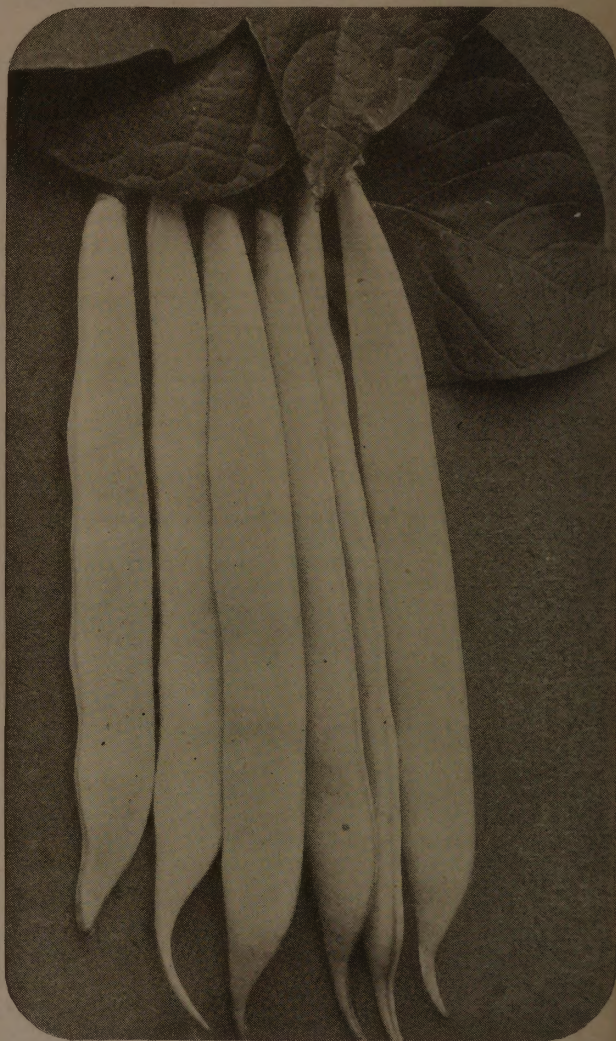
English Broad Windsor

An Old Established Favorite

95—Fine for Exhibition. This sterling variety retains its prominent position as the leading favorite for Exhibition or table. We strongly recommend its more general use. Our Stock has been very carefully selected and is of large size and fine quality. Produces immense pods.

Pkt. .05; 1/2 lb. .30; 1 lb. .50. Postpaid.

Photo by A. E. McKenzie Co., Ltd.



McKenzie's Improved Golden Wax

Scarlet Runner or Climbing Kidney Bean

Both Ornamental and Useful.

94—An old favorite for table use, being very early, exceedingly productive and fine flavor when cooked. This Bean is extensively used for ornamental purposes, as its leaves make excellent shade for bowers, arches, fences and trellises. It has a strikingly bright scarlet flower. Pkt. .05; 1/2 lb. .30; 1 lb. .50. Postpaid.

Other Varieties

96—Seville Long Pod Broad. Several days earlier than Broad Windsor and longer pods, but not quite so broad, excellent quality.

97—Horse. Used for stock-feeding.

SHELL BEANS FOR WINTER USE

72—McKenzie's Famous Marrowfat. A standard cropper and unsurpassed for baking.

73—Boston Early Navy. A splendid field variety and excellent for baking.

74—White Field. Prolific.

Postpaid.

Pkt.	1/2 lb.	1 lb.
.05	.30	.50
..	..	.20
.05	.20	.30
.05	.20	.30
.05	.20	.30

Photographed by
A. E. McKenzie
Co., Ltd.



McKenzie's Extra Early
Crosby's Egyptian

Covent Garden

Early Flat Egyptian
Early Blood Turnip

Beet—McKenzie's Extra Early

Do not omit this when ordering

122—After exhaustive tests this grand selection still retains its prominent place and cannot be too strongly recommended to those who require an Extra Early Beet which for perfect shape, size and general use cannot be surpassed.

In many respects it resembles Crosby's Egyptian. The striking characteristics of this beet are its small tops, short roots, uniformity of size, delicious tenderness, freedom from woody or stringy roots, extreme earliness and perfection of shape. We firmly believe we have set a standard for purity in McKenzie's Extra Early, so high that it will stand out strongly and distinctly in a class entirely its own. To obtain a beet of perfect shape, coloring, freedom from woodiness, short tap roots, perfect symmetry, true to type and small tops has been our aim in this Beet.

It is somewhat of a turnip shape, dark blood red in color, interior color is deep crimson, ridged or zoned in a most beautiful manner. Being a rapid grower and unsurpassed as a forcing variety, adapted to late and early sowing, it is especially valued by market gardeners.

Pkt. .05; 1 oz. .25; 2 oz. .35; ¼ lb. .60; ½ lb. \$1.00. Postpaid.

Crosby's Egyptian

126—This is one of the finest Beets in cultivation and was introduced by that noted Boston gardener Mr. Crosby, which in itself is a sufficient guarantee of excellence. It is a turnip-shaped variety of very deep red colour. Not so globular as Eclipse and fuller at the top than Flat Egyptian. It is of handsome form, uniform shape and fine flavor. Altogether a grand variety, which we strongly recommend. Being a rapid grower, can be sown as late as July.

Pkt. .05; 1 oz. .20; 2 oz. .35; ¼ lb. .60; ½ lb. \$1.00. Postpaid.

Covent Garden

The Great English Favorite.

124—This well-known variety possesses all the attributes to make it so immensely popular with gardeners and home growers alike and is undoubtedly the Beet to grow for profit, quality, productiveness and color. The Covent Garden Beet has very smooth skin and flesh of a deep blood red color without a trace of zoneing, which is the recognized "merit" in quality beets. The roots are half long, very broad at the crown, tapering very gradually towards the tip, thus ensuring a very even thickness throughout the greater portion of the root and entailing hardly any waste, which is not usually the case with most long Beets. Though not quite so early as the early round Beets it easily excels them for quality. The roots are absolutely devoid of coarseness whilst the tops are very small, the foliage eventually becoming a deep brownish red. Pkt. .05; 1 oz. .15; 2 oz. .25; ¼ lb. .40; ½ lb. .75. Postpaid.

Early Blood Turnip

One of the Best of its Class.

123—One of the most popular round Beets in cultivation and deservedly so. A fine strain of excellent flavor and tissue. Averages 3 to 3½ inches in diameter of remarkably smooth surface. It has a very small tap root and flesh is ringed with dark crimson entirely free of any stringy or woody character. Round beets are of the greatest value on account of earliness and have superseded the old fashioned flat types to a considerable extent. McKenzie's strain of this popular variety is in great demand.

Pkt. .05; 1 oz. .20; 2 oz. .30; ¼ lb. .55; ½ lb. .90. Postpaid.

The Garden Seeds we received
from you were first class.

S. H. McCracken,

Eden, Man. Sept. 19, 1915.

Egyptian Extra Early Flat

An Early Small
Topped Kind

128.—Considered by many prominent gardeners as an excellent forcing variety on account of its small top. Handsome dark red roots which are rounded on top but flat underneath with very small tap roots. Of dark red flesh, solid, crisp, tender, rich and sugary flavor and very fine grained. This variety continues a firm favorite with those who prefer to grow the flat types of Beet. Owing to its small tops can be planted closer than some sorts.

Pkt. .05; 1 oz. .20; 2 oz. .30; ¼ lb. .55; ½ lb. .90. Postpaid.

Other Varieties

- 125—Edmand's Early Turnip. In quality one of the finest; exceedingly dark; shape globular.
- 127—Eclipse. In form, nearly globular, with a small tap root, and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young.
- 129—Long Smooth Blood Red. Tops large, necks small, leaf green, roots large, tapering, growing even with the surface. Flesh dark red, zoned with a lighter shade; very tender and sweet, remaining so when kept till spring. A late variety and a good keeper.
- 139—Detroit Dark Red. Turnip shape. Remarkably smooth and uniform. Medium size, fine-grained and tender. Can be used early or late.
- 140—Swiss Chard or Spinach Beet. Forms handsome plants 2 feet tall with beautiful broad midribs and smooth foliage....

Postpaid.

Pkt.	Oz.	2 Oz.	¼ lb.	½ lb.
.05	.15	.25	.45	.85
.05	.20	.30	.55	.90
.05	.15	.25	.45	.75
.05	.20	.30	.55	.90
.05	.20	.35	.65	



See Cash Discount Page 4

Our stocks of Beet are unsurpassed



Giant Pascal Celery.

Broccoli

155—Walcheren. Medium sized, firm white heads similar to Cauliflower.
Pkt. .05; oz. .50. Postpaid.

Brussels Sprouts

This grand old-fashioned delicate vegetable has not received the attention from gardeners and home growers that it deserves, especially in the Canadian West. It is very hardy and easily cultivated. In order to encourage more general use we are giving it more prominence in our Catalog than hitherto. The plant belongs to the cabbage family and should be grown and cultivated like cabbage. The Sprouts which grow around the strong upright stems are large, tender and not easily affected by frost.

Dalkeith Strain

165—A very superior variety, most prolific, producing an enormous quantity of large sprouts delicious in flavor. Pkt. .05; oz. .25. Postpaid.

Giant

166—A variety of medium height. Sprouts very firm and of superior flavor. Pkt. .05; oz. .35. Postpaid.

Celery

Brandon Prize Blanches Beautifully Delicious and Nutty

368—It is extremely early, practically self-blanching and highly ornamental.

It is so very easy to grow that no garden should be without it.

The peculiarity of this variety is that the stalks, portions of inner leaves and heart are silvery white, naturally rendering it almost self-blanching.

The crisp, stringless, succulent stalks and prime nutty flavor are unequalled.

Stalks are large, attractive and blanch to a beautiful snowy whiteness—bringing highest market prices. Pkt. .10; oz. \$1.00; ¼ lb. \$2.25. Postpaid.

Giant Pascal

369—This is the popular winter and early spring variety so universally used owing to its exceptionally long keeping qualities. Makes large bunches of thick solid stalk which are very brittle, crisp and of rich nutty flavor. It blanches very easily and produces a fine attractive stalk of pure whiteness. See illustration.

Pkt. .05; oz. .55; ¼ lb. \$1.60. Postpaid.

White Plume

Unsurpassed in Flavor and Deliciousness

370—The earliest and most easily blanching. Fine for family use and market work. Its stalks are of the most ideal form, rich in flavor and fine in texture. Of most striking appearance on account of its beautiful white heart and elegantly marked leaves. While the inner stalks and heart are of pure white color without being blanching, yet the outer stalks should be tied up and the soil drawn around them in order to produce close attractive bunches. Pkt. .05; oz. .85; ¼ lb. \$2.25. Postpaid.

McKenzie's Paris Golden Self Blanching

371—The plants are of compact semi dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color—very crisp and tender. Leads all the self blanching varieties for earliness and productiveness. This is the variety so extensively grown in California for supplying the Northern Markets in the early season before the home products are ready. Altogether a very desirable sort to grow. Pkt. .15; ¼ oz. \$1.00; ½ oz. \$1.85; oz. \$3.25. Postpaid.

CELERY PLANTS. (See page 32).

396—CELERIAC, or Turnip-Rooted Celery. Produces large turnip-like roots and is used chiefly for flavoring soups, salads, etc. Postpaid.

406—SOUP CELERY SEED (not for sowing). For flavoring only. Postpaid.

Pkt.	oz.	¼ lb.
.05	.50	\$1.60
	.25	.75

Cabbage

Copenhagen Market

176—One of the finest and earliest Bell Shaped Cabbages which has created quite a furore in Europe and America. Is undoubtedly without a rival. Strongly recommended for Market or Home use. Pkt. .10; oz. \$1.15; ¼ lb. \$3.50. Postpaid.

Early Winningstadt

182—Produces heads similar in size to Early Jersey Wakefield but more sharply pointed. It is not so early—grows very compact, short thick leaves of rich dark green and slightly glossy. Conical shape very hard and an excellent keeper. A grand variety for market gardeners. Pkt. .05; oz. .30; ¼ lb. \$1.00. Postpaid.

Chinese White

183—As indicated in our catalog for 1915 this was carefully tried by us so that we might decide whether or not it was suitable for this Western country. Unfortunately, the past season was a most unfavorable one for such a trial; but our trials and observations justify us in advising our customers throughout the Prairie Provinces to try this for next season. The experiments show that it is unwise to sow it too early; in fact, best results seem to be obtained by sowing about the beginning of July. It will be ready for use six weeks after sowing, gives excellent greens, is a highly desirable vegetable, and will, we believe, soon leap into popularity. Pkt. .10. Postpaid.

Ask for our pamphlet on Celery Culture, free upon request

WEIGHTS vs. MEASURE

Offers in this catalog of Beans, Corn and Peas, are by pound, and not by pint. The difference in weight to the buyer varies from one ounce to one quarter pound in favor of buying by weight. A similar difference applies to several grasses.

Cabbage First Early Varieties

McKenzie's Northern Favorite

A SUPERB CABBAGE FOR THE CANADIAN WEST

175—The status of superiority is accurately reflected in the long and magnificent record of Northern Favorite.

It succeeds everywhere and the results have been so satisfactory, that gardeners, quick to recognize its merit, have made it their favorite in use as well as name. A more suitable variety for our prairie soils and climate could not be had anywhere.

There is no cabbage among the early varieties we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that fine cabbages can be obtained long before maturity.

It seldom bursts and can be left in the field after maturity. Is medium early, hardy, sure header, conical shape, attractive appearance, splendid keeper, mild and delicious flavour, fine quality. The leaves are of a dark green shade. Pkt. .10; oz. .35; 1/4 lb. \$1.25. Postpaid.

I am sure it is impossible to have nicer Cabbage than mine, grown from your McKenzie's Northern Favorite. It is a fine general cropper. F. C. BEAL, Kamloops, B.C.

Photo by A. E. McKenzie Co., Ltd.

THE CABBAGE SEED WE OFFER IS TRUE PARENT STOCK.



McKenzie's Northern Favorite.



Photo by A. E. McKenzie Co., Ltd.

Glory of Enkhuizen

The Largest Cropping Early Variety.

179—This grand variety originated in Holland and is rapidly gaining in popularity wherever it is grown. It produces fine marketable heads—very solid with few outer leaves. Grows dwarf and compact, permitting close planting and is remarkable for its uniform size and long keeping qualities. The heads are of medium size, tender and of fine flavor. Highly recommended. Is valuable for sowing late in the season for early winter use. We have many testimonials from delighted customers praising this variety.

Pkt. .10; oz. .35; 1/4 lb. \$1.25. Postpaid.

Your Glory of Enkhuizen Cabbage are doing fine. We have good sized heads now, and expect they will grow a lot more. A. LINDSTROM, Pleasantdale, Sask.

Early Jersey Wakefield

177—We believe this is grown more extensively than any other type amongst the early section—in fact it is considered to be the best first early oblong-headed cabbage in cultivation.

The heads are uniformly hard and solid. They are pyramidal in form, generally pointed at the end, and have but few outside leaves. The outer leaves, however, are unusually thick and heavy, which enable it to stand cold weather without injury. Is considered a sure header; practically every grower of vegetables raises this variety for an early table delicacy. Has a mild and toothsome flavor.

Our strain of Jersey Wakefield combines in the highest degree the essential features so important in such an extensively grown variety. (See illustration.)

Pkt. .05; oz. .30; 1/4 lb. \$1.00. Postpaid.

Other First Early Varieties

178—Charleston Wakefield. Only a few days later than Jersey Wakefield and about half as large again. A favorite with Market Gardeners everywhere.

180—Extra Early Express. An early sort; makes firm conical heads; about one week earlier than the Wakefield.

181—Early Spring. Another early flat-head; solid, uniform and fine-grained.

Pkt.	Postpaid	
	Oz.	1/4 lb.
.05	.30	\$1.00
.05	.25	.90
.05	.30	1.00

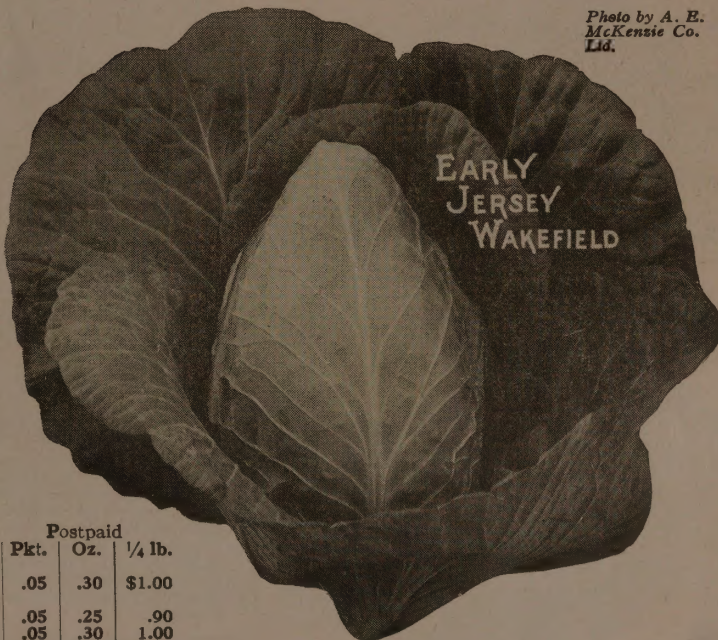


Photo by A. E. McKenzie Co., Ltd.

Full Cultural Instructions on every Packet

Photo by A. E. McKenzie Co., Ltd.

Cabbage

Second Early Varieties



Brandon Market.

Sept. 11th, 1915.

With regard to Seeds secured from you, Onions, Carrots, Cabbages, Cauliflower, and Celery, I had splendid success, taking all 1st prizes at our local Fair for the several kinds of Onions purchased from you. I cannot speak too highly of "McKenzie's Seeds."

T. H. SQUIBB,
Hamiota, Man.

McKenzie's Brandon Market

202—A significant feature about this cabbage is that it is "A safe and sure cropper," an all-important factor to consider in the Canadian West

It will head under the most adverse conditions, and the eating quality is not excelled by any cabbage.

It is the finest second early cabbage grown. Matures a few days later than the Early Jersey Wakefield, and a trifle later than Northern Favorite, but 4 or 5 days earlier than Succession.

Grows quickly, very hard heads, not liable to burst, round, but slightly flattened on top. Darkish blue in color, exceptionally tender, mild and fine flavor. Excellent for summer use and equally good for fall and winter. For boiling, slaw, sauerkraut and salads it is unsurpassed, being crisp tender, sweet and mild. It is well adapted to Western Canada, growing luxuriantly on all soils and withstanding hot, dry and extremes of weather. (See illustration.)

Pkt. .10; oz. .35; 1/4 lb. \$1.10. Postpaid.

Danish Summer Ballhead

203—Ours is the True Imported Stock direct from Denmark and is the best obtainable. Grown specially for us by the most expert growers in that country. It is one of the very newest cabbage introductions—Second early variety of exceptionally fine table quality. Produces heads absolutely round, very firm and solid. Inner leaves snow white. One of the best. Try it.

Pkt. .10; oz. .85; 1/4 lb. \$2.75. Postpaid.

Photo by A. E. McKenzie Co., Ltd.

All Head Early

204—Considered to be one of the best large Second early Cabbages. As its name indicates it is practically "All Head". An excellent variety with remarkably solid heads which have few outside leaves. Well worthy of attention from Gardeners and others.

Pkt. .05; oz. .30; 1/4 lb. \$1.00. Postpaid.

Other Varieties

	Pkt.	oz.	1/4 lb.
205—Henderson's Early Summer. A desirable medium-sized, early flat-headed variety. A good keeper and does well in summer and autumn.....	.05	.30	\$1.00
206—All Seasons. One of the best; remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size.....	.05	.30	1.00
207—Succession. About ten days later than Early Summer. Is a dwarf, flat-head, light green, and very solid.....	.05	.25	.90
208—Early Flat Dutch. Makes a large, solid head, which keeps long without bursting and is adapted to a more varied climate than many other varieties....	.05	.30	1.00
209—Vandergaw. Comes in with Succession and All Seasons; forms solid head.....	.05	.25	.90



All Head Early



See
Special
Cash
Discount
Page 4

Your Profit

JUST A MOMENT—When you buy seeds you cannot tell whether you are getting GOOD SEEDS saved from choice pedigree Stocks or seeds produced without due care being exercised upon their selection. If you buy a watch or a pair of boots you can form some idea whether you are getting value for your money—but in Seeds IT'S DIFFERENT—You have to TRUST your Seedsman, Merchant or Dealer. Now, McKENZIE'S SEEDS merit that trust and your confidence will not be misplaced by sowing them, no matter whether you obtain them direct from the McKENZIE SEED INSTITUTION or through your local dealer—If they bear the name McKENZIE—depend upon it—they are GOOD SEEDS—seeds which have a reputation behind them—carefully selected, raised, grown and tested for the Canadian West. ORDER EARLY.

We send with every order a leaflet of Vegetable Cultural Instructions

Cabbage--Late and Savoy Varieties

McKenzie's Danish Roundhead

A Great Cabbage for the Cool Climate of the West.

228—It is **extremely hard and solid**; a field of this variety will give more firm heads per acre than any cabbage grown. Its very few outer leaves permit of closer planting, prevent blight and promote a vigorous growth. When trimmed for use it is a beautiful white, highly attractive, tender, crisp and sweet flavor. The three distinguishing features between this variety and the Ballhead long stem variety is that this type is from 8 to 10 days earlier, averages heavier and is a trifle more solid.

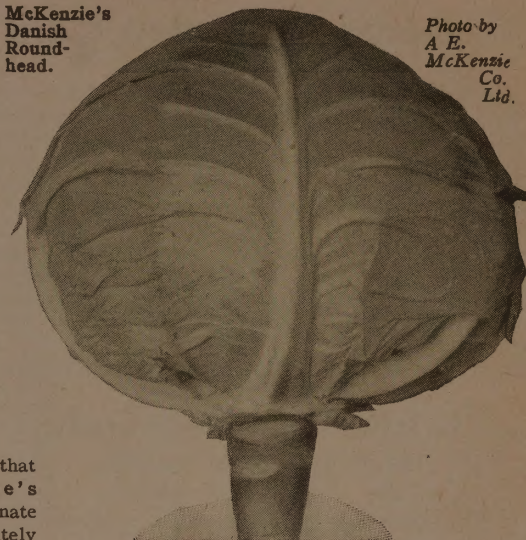
Exceptionally fine keeper, stands the heat well and thrives in cool locations. We cannot recommend it too highly and wish our many customers would try it out and be convinced of its exceptional merit.

Pkt. .05; oz. 30; 1/4 lb. \$1.00. Postpaid.

Out of the ounce of "Danish Roundhead" Cabbage seed I had two hundred and fifty heads, some weighing ten pounds when turned up. JAS. E. BOLTON, Plenty, Sask., Sept. 18, '15.

McKenzie's
Danish
Round-
head.

Photo by
A. E.
McKenzie
Co.
Ltd.



Test Plots of Cabbage.

Photo by A. E. McKenzie Co., Ltd.

Remember that **McKenzie's** Seeds emanate from absolutely the best sources of supply. No stocks in the World can beat them. In the case of Cabbage (especially winter varieties) the question of selection is paramount. We have the best—Try them—Order early.

Since the day we commenced in the Seed business we have stated plainly in our Catalogs that if on arrival any seeds we send out are found, upon examination not as represented, we request the buyer to mail us a sample, write a short letter giving particulars, and if there is reasonable cause for complaint we will promptly authorize return (or give disposal instructions) of the shipment, pay freight both ways and cheerfully refund the money. No honest trader can do more.

N.B.—WE WILL NOT HOWEVER ACCEPT RESPONSIBILITY FOR ANY GOODS RETURNED WITHOUT OUR AUTHORITY.

McKenzie's Danish Ballhead

A Highly Prized
Winter Variety.

229—Planters deeply interested in the improvement and economical value of the cabbage for home and market use hold this variety in great esteem on account of its attractiveness, uniformity of head, solidity and long keeping qualities. It weighs more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw or sauerkraut, etc. It is a long stemmed variety, of very round head. Especially recommended for low, moist and heavy soils. This is the variety so extensively used by growers in districts where heavy railway shipments to markets are made. Due almost entirely to its keeping qualities, as it reaches the markets in fresh, solid bullet-like condition. As a winter keeper it has no superior.

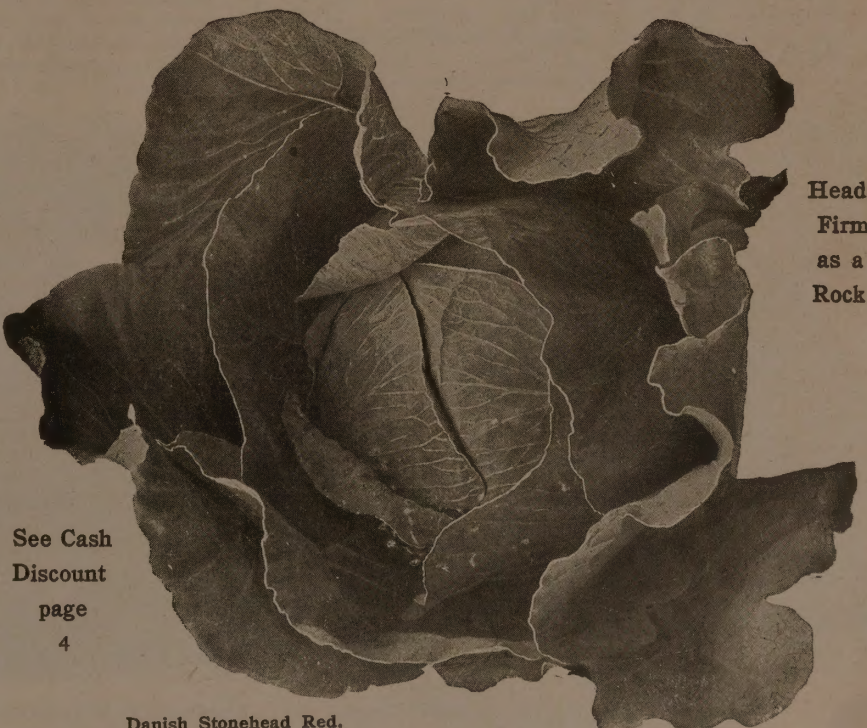
Pkt. .05; oz. .35; 1/4 lb. \$1.00. Postpaid.

Danish Stonehead (Red)

280—An excellent Market Type—Good for Home use. A very superior variety of late Red Cabbage. It produces round or ball shaped heads of medium size as firm as a rock. Of intense purplish red coloring. The plants are of compact growth and can be planted closer in the rows than the Mammoth Rock. Unexcelled for pickling. A decided improvement over other Red Types.

Pkt. .10; oz. .50; 1/4 lb. \$1.75. Postpaid.

	Pkt.	Oz.	1/4 lb.
230 —Marblehead Mammoth. Largest late cabbage grown.	.05	.30	\$1.00
231 —Filderkraut. A large pointed variety, principally grown by Germans for stock feeding.	.05	.30	1.00
232 —Fottler's Drumhead. A sure header; large, flat, solid.	.05	.30	1.00
233 —Surehead. This famous cabbage is most appropriately named, the heads are large, weighing from 10 to 15 lbs., very hard, firm and fine in texture.	.05	.30	1.00
234 —Premium Late Flat Dutch. Old, well-known, large, late variety; flattened round heads, very solid and firm, adapted to a more varied climate than most varieties.	.05	.30	1.00
235 —Autumn King or World Beater. An extremely large and solid heading variety, well suited for fall and winter.	.05	.30	1.00
SAVOY VARIETIES. Produce firm, solid heads late in the fall, leaves very crinkled, the hardest of the cabbage family.			
254 —Drumhead. Largest heads, compact grower and excellent flavor.	.05	.30	1.00
255 —Netted Savoy. Green curled, medium size, round heads; delicate flavor.	.05	.30	1.00
RED VARIETIES			
279 —Dark Red Erfurt. A medium sized cabbage, of a deep purplish-blue tint. Suitable for pickling.	.05	.35	1.20
281 —Blood Red Drumhead. A standard variety, very deep red in color; large round heads, very hardy.	.05	.35	1.20
282 —Mammoth Red Rock. Largest and surest heading Red Cabbage ever introduced. Heads deep red to the centre, frequently averaging 12 inches in diameter and 10 to 12 pounds in weight. Excellent quality.	.05	.40	1.35
CABBAGE PLANTS —See Vegetable Plants. (Page 32)			



Heads
Firm
as a
Rock.

See Cash
Discount
page
4

Danish Stonehead Red.

Western Canada's Best Seeds—McKenzie's

McKenzie's Garden Gem

Growing in Popular Favor.

307—The demand for this fine selection continues to increase and deservedly so. We place it in the front rank of all the varieties we grow on account of its unexcelled sweetness combined with superior flavor, fine shape and size. It requires very little cultivation, is easy to pull and is especially suitable for table use. Does well in all soils. In colour it is of deep orange red about 5 to 6 inches long and very smooth, practically no core, thick shoulder, very fine-grained, solid, and a superb keeper. A gem in every sense of the word. (See illustration).

Pkt .10; oz .30; 1/4 lb .85; 1/2 lb. \$1.50. Postpaid.

Oxheart or Guerande

(McKenzie's Selection)

One of the Best of Carrots

308—Generally conceded to be a most desirable sort for growing in soils too hard and stiff for the longer varieties as it does not grow more than six inches long. It averages 5 inches and sometimes 4 inches in diameter. Very easily pulled. A grand old standard variety as popular to-day as any carrot of its type. It is that tender and mild that it can be eaten raw and is therefore valuable for stock feeding. A universal favorite

Pkt .05; oz .25; 1/4 lb .75; 1/2 lb. \$1.35. Postpaid.

St. Valery

315—"Old timer." Large and handsome, growing 10 to 12 inches long. Smooth skin, firm flesh, bright red color, delicious flavor and long keeper. No gardener should be without this standard variety. It always pleases.

Pkt .05; oz .25; 1/4 lb .75; 1/2 lb. \$1.45. Postpaid.

Our experience enables us to produce Seeds peculiarly adapted to the Canadian West. We are always on the lookout for the reliably newest and best of all things pertaining to seed culture. We spend large sums of money every year on improving our stocks and give the benefit of our researches to our friends and customers. There are no better seeds than McKenzie's—**ORDER EARLY.**



St. Valery Carrot.

Photo by A. E. McKenzie Co., Ltd

Carrot



McKenzie's Garden Gem.

Photo by A. E. McKenzie Co., Ltd.

Chantenay

310—That there is a rapidly expanding and keener appreciation for this carrot is evidenced from the steady and growing demand each year.

Chantenay is a great carrot for both home and market use. Very attractive when served on the table.

It is a half-long or blunt rooted type, but differs from similar varieties by its greater girth, bulk and yield. A trifle larger than Scarlet Horn and broader at the shoulder.

It averages 6 to 7 inches in length, is free from core, rich orange red, finest table quality, fine-grained, tender, juicy, and delicately flavored, tops are small.

McKenzie's Garden Gem is strikingly similar, except that the Chantenay is blunt rooted, much like the Nantes.

Pkt .05; oz .25; 1/4 lb .75; 1/2 lb. \$1.35. Postpaid.

Half Long Scarlet Nantes

309—A general favorite with gardeners who pronounce this variety a most profitable type to grow. Its medium size permits of Easy harvesting and it thrives under almost any conditions. Tops of medium size, roots cylindrical, smooth, bright orange color; flesh orange changing to yellow centre. Practically coreless. Ours is a specially selected stock. Pkt .05; oz .25; 1/4 lb .75; 1/2 lb. \$1.35. Postpaid

Other Varieties Postpaid

	Pkt.	oz.	1/4 lb.	1/2 lb.
311—Half-Long Scarlet Danvers. Dark orange, smooth, good size, easily pulled	.05	.25	.75	\$1.35
312—Scarlet Intermediate. Pointed root deep orange red, intermediate in length, fine quality ..	.05	.25	.75	\$1.35
313—Early Scarlet Horn A favorite with many, very short roots; deep orange color	.05	.25	.75	\$1.35
314—French Forcing. Very small, round and early	.05	.20	.65	\$1.25

Our Carrot Crop was a genuine success. You supplied the seed. Nature and cultivation did the rest.
JAS. STACK, Hindman Lodge, Sask.

The Carrots especially have given great satisfaction.
H. R. CHITTY, La Fleche, Sask.

Your seeds have proved very successful. I was able to serve CARROTS all through the month of July.
MRS. A. MACPHERSON, Borden, Sask.

The Carrots, Half-Long Scarlet Nantes are perfect, and I should say well above the average in size and quality.
EDWARD BEATTY, Green Lake, Sask.

I am writing to inform you that I had a magnificent Crop of Carrots from seed sent us by you.
MRS. MARY CASSON, Green Ridge, Man.

See Page 39 for Carrots for Stock Feeding

Photographed by
A. E. McKenzie Co., Ltd.

Cauliflower

McKenzie's
Snow Cap.

McKenzie's Pedigreed Early Snowcap

THE CHOICEST STRAIN IN THE WORLD
SUCCEEDS WHERE ALL OTHERS FAIL

339—To those who have not been successful in their efforts to grow Cauliflowers we would say "Try McKenzie's Snowcap" which is without doubt a wonderful combination of earliness, firm heading character, handsome appearance and superior quality. Market gardeners speak very highly of it as well as growers for private use. The finest quality cauliflower for all seasons.

The plants are compact, with few narrow, upright leaves and are well suited for close planting. The heads are solid, compact, round, very white and curd-like, and are developed earlier than those of any other sort. So extremely solid and deep are the globe-shaped heads that they weigh heavier than other heads of equal size, and the flavor is most luscious and deliciously sweet. See illustration.

There is no place in the world where better cauliflowers can be grown than

right here in the West. The finest specimens we have ever seen, larger and of better quality, are annually grown here on our prairies. Being particularly a high altitude plant it thrives to a point of perfection here, seldom seen in warmer climes.

1/2 pkt. .15; pkt. .25; 1/4 oz. 1.00; 1/2 oz. 1.80; 1 oz. 3.25; 1/4 lb. 10.00. Postpaid.

Early Dwarf Erfurt Selected

341—One frequently reads the word "Selected" in Seedsmen's Catalogues which indicates the Stock has been carefully chosen during a certain stage of growth. This word applies more particularly to Cauliflower than perhaps any other seed sold. Selection is absolutely necessary in order to obtain that high standard of quality which is so essential to meet the requirements of those who grow for market or private use. Needless to say the stock we offer is unquestionably of the finest "Selected" Strain and we advise our customers to have none of the cheap inferior seed being offered elsewhere.

The Early Dwarf Erfurt is very early, small leaved, produces heads of exceptional solidity and whiteness and is very fine for forcing—Ours is "Selected Pedigreed" Stock.

Cauliflower is a delicacy of the table either cooked green or pickled and there is no reason why everyone should not grow this grand Vegetable in general and McKenzie's "Selected Strain" in particular.

1/2 pkt. .15; pkt. .25; 1/4 oz. .85; 1/2 oz. 1.50; 1 oz. 2.75; 1/4 lb. 9.00. Postpaid.

Other Varieties

342—Lenormands Short Stem. A large late variety with well formed heads on extremely short, stout stems. Produces large and solid heads pure white and keeps well. Hardy and productive.

Pkt. .05; 1/4 oz. .35; 1/2 oz. .60; oz. 1.00; 1/4 lb. 3.00. Postpaid.

343—Extra Early Paris. Produces heads of medium size, forming soon; stem rather long, leaves narrow almost straight. Ready to cut three weeks after McKenzie's Early Pedigreed Snowcap.

Pkt. .05; 1/4 oz. .35; 1/2 oz. .60; oz. 1.00; 1/4 lb. 3.00. Postpaid.

344—Veitch's Autumn Giant. Recognized in the British Isles as the Standard late variety and is a grand selection. Produces very large heads, firm, white and well protected.

Pkt. .05; 1/4 oz. .25; 1/2 oz. .40; oz. .70; 1/4 lb. 2.50. Postpaid.

Cauliflower Plants. (See page 32)

CHERVIL. It is more finely curled and handsome than parsley, is excellent for garnishing.

426—Selected Stock

CHICORY.

436—Large-Rooted Magdeburg.

COLLARDS. Largely used as greens in some parts. They are a form of cabbage, bearing new leaves as the old ones are pulled off.

467—Selected Stock

Pkt.	Postpaid.			1 lb.
	Oz.	1/2 lb.	1 lb.	
.05	.20	.60		
.05	.25	.75	2.00	
.05	.25			

Citron

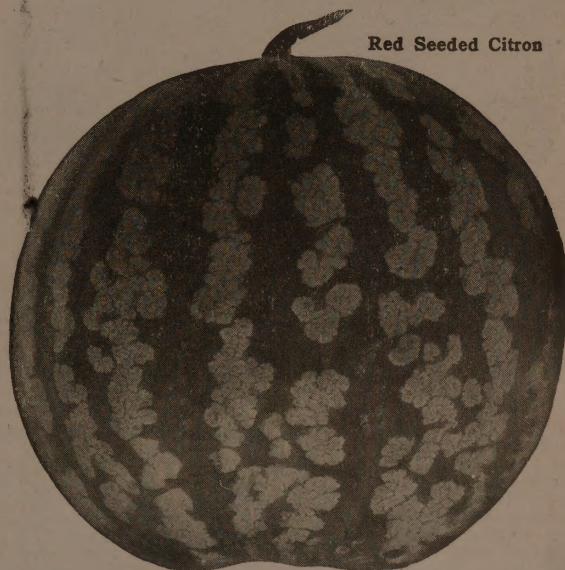
While nature seems to have intended our Prairie West to be banded together by ties of agriculture, she has not wholly forgotten our fruit-barren soils. In Citron she has provided, for preserving, one of the richest and most appetizing fruits. Citron will grow anywhere in Western Canada to perfection, and every economical housewife should make it her duty to see that not less than one ounce is included in the spring order.

In size and shape it is the most perfect. Its superlative qualities would delight the most critical epicure, for its sweetness makes it one of the most delicious table delicacies to be had. See illustration.

446—Red Seeded Citron. Pkt. 05; oz. .20; 1/4 lb. .50. Postpaid.

447—Green Seeded Citron. Pkt. 05; oz. .15; 1/4 lb. .45. Postpaid.

The fame of McKenzie's Seeds in the Canadian West is a household word



Red Seeded Citron

340—This is one of the leading varieties of Cauliflower. Excellent for forcing. Its compact size is one of its chief characteristics. Very early, white and solid. Heads surrounded by few short upright leaves. 1/2 Pkt. .15; pkt. .25; 1/4 oz. .85; 1/2 oz. 1.50; 1 oz. 2.75; 1/4 lb. 9.00 Postpaid.

Snowball

I have the pleasure to inform you that the McKenzie's Snowcap Cauliflower I purchased from you proved to be a great success. Every plant developed a fine white compact head of the best quality.

MRS. J. KNOWLES,
Arrow River, Man., Sept. 18, '15.

New Introductions

We are introducing for the first time to Canadian West buyers two new varieties of Table Corn, McKenzie's Early July and Indian Sweet Corn. We heartily commend, knowing our customers will be delighted with results.

CORN

Its Extreme
Earliness
is a
Prime
Requisite

McKenzie's
Northern Success

477—Luscious sweetness is the distinctiveness that sets this extremely early corn apart from all other varieties and stamps its individuality upon the mind of every person who tastes it. For earliness this heads the list of Sweet Corns, in fact with the possible exception of Peep o' Day (the next earliest variety) it matures almost ten days earlier than any other sweet corn we know of. In flavor it is sweeter and more delicious than White Cory. Stalks grow to about 4 feet, usually bearing three to five ears. Of dwarf habit it permits of close planting and will out-yield any variety of sweet corn we know of. Its extreme sweetness and delicacy of flavor have made it one of the most popular varieties in the West. Its remarkable productiveness attests to its particular fitness for our varied soils. Our customers should bear in mind that sweet corn produced in the North is earlier and more hardy than the same varieties grown farther south, in fact easily a week to ten days earlier. There is no product of the garden which is more eagerly or impatiently awaited than the first Sweet Corn, hence earliness is a prime requisite. Pkt. .10; 1/2 lb. .25; lb. .40. Postpaid.

The seeds I got from you were first class in every respect. My Corn got frozen off three times, then it reached a height of eight feet before the frost came again.

C. O. P. OLTS,
Melita, Man., Sept. 16.

Out of the one-half pound of Squaw Corn I got eight big dinners for myself and brother.

JAS. E. BOLTON,
Plenty, Sask.,
Sept. 18, '15.

Early July

AN EXCEPTIONALLY EARLY VARIETY

483—This is a very dwarf variety and there is no doubt that it fully maintains our claim to be one of the Earliest Corn yet introduced. We have been selecting and breeding several varieties of corn for many years and believe we have now succeeded in our efforts to produce probably the earliest in the world without in any way detracting from the quality. It grows about 2 1/2 to 3 1/2 feet high, producing small ears of exquisite flavor. May be planted very close. Sown about 15th May will produce ears ready for use about 1st July. You should secure a quantity of this seed without delay. A really grand corn. Pkt. .10; 1/2 lb. .25; lb. .45. Postpaid.



Indian Sweet Corn

Indian Sweet

Very Early
Very Sweet

484—A new red, very sweet corn which has fully justified the opinion we formed of it at the commencement of our experiments. It is nearly as early as "McKenzie's Early July"—about the same height and equally as sweet. When dry, of a dark red color. A very desirable sort to grow and one which we strongly recommend to market gardeners and private gardeners. Quantity on hand is limited so please order early.

Pkt. .10; 1/2 lb. .25; lb. .45. Postpaid.



Early July Corn

SQUAW The Old Reliable
(NATIVE) Corn

480—In face of all the orthodox teaching that the old varieties must give way for new and better types—Squaw remains one of the foremost varieties in the Canadian West.

Still the "Old Reliable" on account of its extreme earliness and absolute certainty of maturity.

Stalks are dwarf, growing to a height of 3 1/2 to 4 feet. Cobs are smaller than any other variety, averaging 4 1/2 to 6 inches in length, always well filled with dense rows of fine flavored corn; not infrequently are the kernels two or three colors. Invariably ready for use the end of July. To suit the taste of best buyers we endeavor to get stock as pure white as possible. Being a flint variety it is not as sweet as the so-called sweet varieties. To insure stock true to name, ours is grown for us by the Indians. Beware of corn offered as "Squaw" which is not Squaw.

Pkt. .05; 1/2 lb. .20; 1 lb. .35. Postpaid.

Early Malcolm

TRY THIS

A SPECIALLY NEW INTRODUCTION

482—We offered this grand novelty for the first time last season and reports received from prominent growers justify us, particularly emphasising its merit and strongly recommending it to every planter in 1916. It is our opinion that this sterling variety is destined to take a prominent place among users of sweet table Corn. The chief recommendation is its extreme earliness, being an inbred selected strain, hybridised particularly with this aim in view. It is specially adapted to the west. At the Ottawa Experimental Station it has proven itself by far the Earliest Sweet Corn ever grown there. The Normal School, Brandon, reports it as—

"10 days earlier than any other variety tested by them."

Produces ears about the same size and shape as Golden Bantam; color, white. Stalks grow about 4 1/2 feet high. Order early.

Pkt. .10; 1/2 lb. .35. Postpaid.

Corn—Golden Bantam

Highly Recommended for its sweetness.

479—The more critical of Golden Bantam the more emphatic will be your appreciation. It is the choice of the most discriminating. Golden Bantam stands unchallenged as one of the greatest table delicacies. The distinctive merits that commend Bantam to general use throughout the Prairie Provinces are many. Its extreme earliness, is perhaps, its greatest virtue, particularly in this Western Country where corn must of necessity be a short season crop. Its next meritorious essential is its exceptional hardness and ability to withstand unfavorable weather, as this variety successfully withstands cold nights and early frosts, when many other varieties fail to mature. From a view point of keen appreciation and quality there is no question but what the flavor "Is its crowning tribute" to this "Corn-hungry Country." It is unquestionably the richest, sweetest flavored corn grown, and its creamy yellow color, deepens almost to an orange as the season advances. Golden Bantam yields as many ears to the stalk as most varieties; but the ears being larger than Peep o' Day the yield per acre is relatively greater. Of dwarf growth it averages from 4 to 4½ feet in height, permitting of close planting. (See illustration).

Pkt. .05; ½ lb. .20; 1 lb. .35. Postpaid.

Early White Cory

A Sweet Corn of Superior Excellence

481—It is the wide divergency of taste in each individual that makes possible so many popular favorites of corn.

What White Cory loses in earliness it gains in size. While Peep o' Day and Golden Bantam are generally conceded to be "sweeter" than White Cory, many claim that the kernel being deeper it is more luscious and as a consequence the person who can detect the difference in flavor would be very keen in perception to say the least. The fine shape, superb size, most luscious tenderness and delicious flavor to which White Cory attains—have demonstrated that it is peculiarly adapted to the varied conditions of the Canadian West. It is very early, fine large ears, compactly filled from butt to tip with uniform kernels. Stalks average about 4 feet.

Pkt. .05; ½ lb. .20; 1 lb. .35. Postpaid.

Peep o' Day

Grows to Perfection All Over The West

478—Peep o' Day holds undisputed supremacy in many sections of our neighboring Republic as the greatest Sweet Corn yet introduced. For a number of years this greatest table delicacy has been gradually acclimatized to our Canadian climate, until to-day it grows with perfection all over our fair Domain. In offering Peep o' Day we cannot praise its merits too highly, for it certainly is a remarkable corn. It combines the essential features of extreme earliness and extraordinary sweetness. On account of its earliness Peep o' Day sweet corn is especially adapted for planting in Northern latitudes and in high altitudes where other varieties fail entirely. Peep o' Day produces a large number of "suckers" which, unlike other varieties produce full sized, well formed ears. It is not unusual to find a single plant bearing from four to five ears. The yield per acre is therefore very large. The stalks grow 3½ to 4½ feet in height, and having light foliage may stand very close together. The ears are small, 5 to 6 inches in length. The kernels, though not large, are of good substance and borne 8 to 12 rows to the ear. Pkt. .05; ½ lb. .25; 1 lb. .40. Postpaid.

Togo, Sask., Sept. 4th, 1915.

Enclosing a photo taken Aug. 10'h 1915, of my prize garden grown from "McKenzie's Seeds." All your seeds grow exceedingly well and I take pleasure in recommending them to everyone.

Geo. W. Collings

Photo by A. E. McKenzie Co., Ltd.



The Place To Buy Your Seeds



The seeds from you have always done well. Many of the gardens in this district failed this year but mine was fine, had splendid corn, squash, pumpkins, cucumbers.
Mr. E. BENSON, Hawkins Island, B.C.

Corn for Popping

501—White Rice. The standard variety; large, well filled ears and good for popping. Price in 10 lbs. or more, .10 per lb., buyer to pay express.
CORN SALAD or FETTICUS. Used for Salad.
521—Large-Leaved Dutch.

Cress or Pepper Grass

531—Ex. Triple Curled. Crisp, pungent leaves, finely cut and ornamental, used as a condiment and for garnishing; rapid growing, dwarf and compact.
532—New Upland. Resembles water-cress, but succeeds in dry soil.
533—Water-cress. Where possible transplant to banks of running stream.

Golden Bantam

Pkt	oz	¼ lb.	lb.
			.25
.05	.25	.70	

.05	.15	.40
.10	.30	
.10	.75	

OUR SPECIALTY IS SEEDS

Owing to the enormous demand for McKenzie's Seeds we have found it necessary to devote out entire attention to producing and selling seeds—that is to say we do not cater for plants (other than vegetable and Flowering plants) fruits, Nursery Stock, Bulbs, etc. We know that by confining our energies to the output of Seeds we can serve you better, which is our aim and ideal. This does not mean that we are not at all times at your service as regards advice or any other matter pertaining to Horticulture. Write us freely. You can depend on receiving prompt and courteous reply.

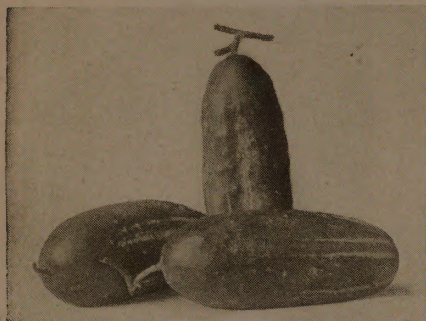
The seed business is distinctly a business by itself (so to speak). The nursery business viz.:—the handling of Trees, Shrubs, etc., is just as distinctly by itself. We have never known a House on this continent make a signal success of the "Seed Business" when tied up to or connected with a "Nursery Business." It is because of this fact that we sold our Nursery business in 1908 and devoted our entire energies to the Specialization of Seeds. This is pre-eminently a specializing age.



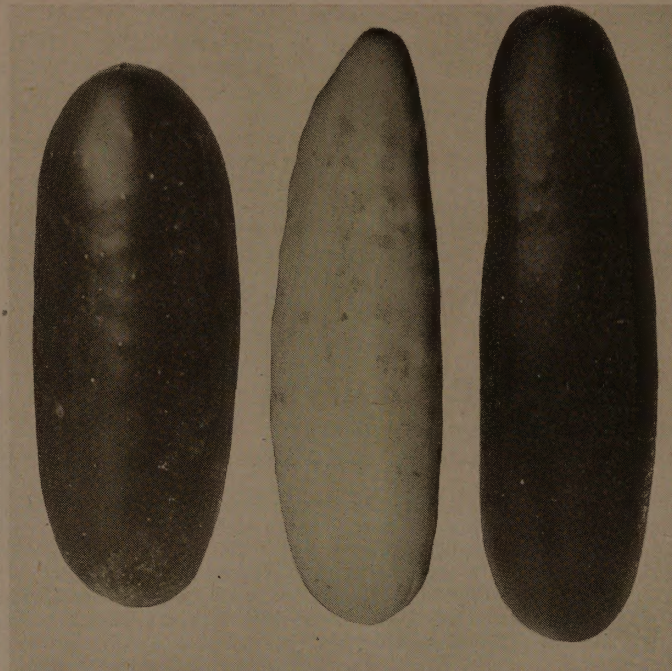
Corn, Beans, and Peas delivered postage free

Cucumber

Photographs by A. E. McKensie Co., Ltd.



White Spine



McKenzie's Prolific

Cool and Crisp

Long Green



Early Frame



Early Cluster



Early Russian

MCKENZIE'S PROLIFIC—(The Premier Strain)

543—We cannot speak too highly of this grand selection which in our opinion has never been approached as a combination of all points of excellence. It is indeed the acme of perfection in all respects and the most prolific variety in cultivation. For rapidity and productiveness it stands alone. Admirably adapted for home use or market and distinctively the best sort to grow for pickles of medium size. The vines are extremely healthy and vigorous and if fruits are regularly gathered will continue to produce an abundance of well formed, deep green, uniform fruits of medium size tapering gradually at each end. When developed to full size the fruits are of most excellent table quality, finely grained, perfect in color and delightful flavor. A trial will soon convince you of its sterling merit. Pkt. .10; oz. .25; ¼ lb. .75; ½ lb. \$1.25. Postpaid.

CHICAGO PICKLING—(A Reliable and Bountiful Yields)

545—It is said "Individuality will have full course" and the keen appreciation of those who cultivate for profit or the very love of it, for this superb strain, demonstrates clearly that its merits are fully recognized.

Considered by many as the best variety there is. Extremely prolific, matures early, the young fruits are exceptionally fine for pickling, medium size, pointed ends, large prominent black spines, deep green color. Vines set fruit very early and continue bearing longer than any other variety.

Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

LONG GREEN—(A general Favorite)

550—Perhaps the most widely cultivated sort. Unsurpassed for all-round use. It is conceded to be the handsomest and best of all long green cucumbers which average 11 inches long when fully developed. Fine for slicing. The smaller fruits make excellent pickles. It is medium early, prolific and continuous producer of uniformly large and symmetrical fruits of an intense rich deep green color. Our strain is exceptionally fine—far superior to the stocks ordinarily offered.

Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

FORDHOOK WHITE SPINE—(Of Superior Quality and Wonderfully Productive)

549—"He who uses combination" in gardening is never disappointed, therefore do not overlook "White Spine" but find a place for it in your garden, somewhere; it will handsomely reward your efforts.

It is an ideal variety for slicing. It is an early, prolific and continuous producer. It is uniformly large and symmetrical, tapering slightly toward each end. Its fruits are intensely rich, deep green, faintly marked with light yellowish shading towards the tip.

Flesh is very fine grained, sparkling white and a most refreshing and delightful flavor. Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

We recommend only varieties which we KNOW will satisfy.

EARLY FRAME—(Highly prized for table and pickling)

553—Early Frame, or perhaps better known as "Short Green," is another fine table or slicing cucumber that is very extensively used for pickling purposes. It is exceptionally productive, with very attractive, straight bright green fruit. While not as early as Early Cluster, it remains green a long time. The plants are very vigorous and hardy.

We particularly recommend this variety for a trial to any of our customers who are not familiar with it. It will give a most generous crop and prove highly satisfactory in every way.

Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

DAVIS' PERFECT

554—Our selection produces long even fruits of fine form with an intensely dark rich green skin. Of solid white flesh of superb quality for slicing and contains few seeds. The flavor is excellent, fruits tender and brittle. Entirely free from coarseness. Vines of strong growth and very prolific. It matures a little later than other varieties offered.

Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

EARLY RUSSIAN—(New)

555—This new introduction has done remarkably well in the Canadian West and we particularly recommend it. It is a very small early variety ripening in less than three months and specially suitable for pickling. Each plant produces 6-8 fruits which are short, yellow and a little larger than a hen's egg.

Pkt. .05; oz. .20; ¼ lb. .50; ½ lb. .85. Postpaid.

OTHER VARIETIES

	Pkt.	oz.	¼ lb.	½ lb.
544—Evergreen. Hardy, early and wonderfully prolific; fruits of medium size, crisp and finely flavored for slicing.	.05	.20	.50	.85
546—Cool and Crisp. Long, slim; splendid for slicing.	.05	.20	.50	.85
547—Early Cluster. The great pickling variety.	.05	.20	.50	.85
548—Everbearing. Very early and prolific; small size; continuous producer.	.05	.20	.50	.85
552—White Wonder. An old favorite of excellent quality.	.05	.20	.50	.85

Never in my life have I had seeds the equal to yours, as the germination exceeded any in my experience.

MRS. J. B. LYONS, Carberry, Man.

It is impossible for me to speak too highly of your seeds. I certainly could not have a better garden than my present one.

MRS. H. BECK, Dilke, Sask.

A Combination of Earliness,
Fine Flavor and
Handsome
Appearance.



McKenzie's
Prairie
Queen

Photo by
A. E. McKenzie
Co., Ltd.

Lettuce

McKenzie's Prairie Queen

682—If you grow this grand selection in your garden you will be proud of it. Everyone who has tried this orders it again. It produces a Lettuce of finer quality and flavor than can be obtained from any other type. It is of handsome appearance, a strong grower and not subject to rot.

Shows a wonderful combination of earliness, handsome appearance and fine quality.

From repeated plantings both in cold frames and the open ground, the latter throughout the season, it has proved to be the earliest as well as the surest loose-headed variety grown and the most desirable forcing variety to be had. The somewhat closely folded nature of the leaves gives the maximum quantity.

From a light green outer leaf it blanches to a rich yellow tint. Very crisp and delicious.

Pkt. 10; oz. .25; 1/4 lb. .85. Postpaid.

TRY THIS

Denver Market (McKenzie's Selection)

689—This is a splendid variety. The leaves are beautifully marked and crinkled like Savoy Cabbage, which distinguishes it from any lettuce grown. Conical in shape; beautiful, bright, soft green outer leaves; it blanches to a rich golden yellow within. It grows to a nice large size and retains its crispness and mild flavor to a greater degree than most varieties during excessively hot weather. Notwithstanding its adaptability to heat, it is a most desirable variety for spring and fall and is one of the most popular with market gardeners owing to its beautiful appearance and being one of the best for forcing.

Pkt. .05; oz. .20; 1/4 lb. .75. Postpaid.

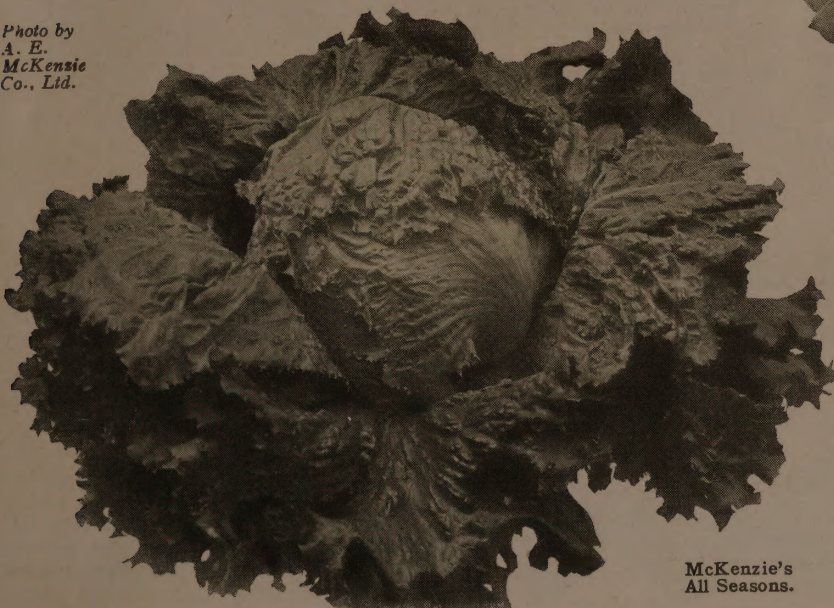
McKenzie's All Seasons

683—As implied by its name it may be grown with success in the spring, summer or fall.

Distinctly a **Head Lettuce** Very large, conical shape, handsome, extremely solid, leaves a light greyish green, does not spot or turn brownish, broad leaves, sure header, slow to run to seed. Great heat resister. Retains its freshness. Crisp and of extraordinary fine flavor. (See illustration.)

Pkt. .05; oz. .25; 1/4 lb. .85. Postpaid.

Photo by
A. E.
McKenzie
Co., Ltd.



McKenzie's
All Seasons.



Photo by
A. E. McKenzie
Co., Ltd.

May King

May King

684—Introduced into this country about five years ago and its merit was instantly recognized by planters throughout the Dominion. To-day it is considered by many to be one of the best early heading, butterheaded Lettuces in commerce. Planted on the open ground very early in the Spring the plants quickly form attractive tightly folded heads 6 to 8 inches in diameter. Of exceptionally fine, rich, buttery flavor.

Pkt. .05; oz. .20; 1/4 lb. .75. Postpaid.

The "Prairie Queen" Lettuce Seed which I purchased from you last Spring has proven very successful in my garden and I have been highly pleased with it.

J. R. CHANDLER,
Uren, Sask., Sept. 10, '15.

The luscious sweetness of lettuces produced from McKenzie's Seed is well known



Lettuce

Grand Rapids

Receives Praise
Everywhere

687—The use of Grand Rapids in a commercial way has grown from a very small beginning to large proportions, as it is the most popular variety for Greenhouse and Garden alike.

It is of unusual rapid growing habit, even under most adverse conditions. Remains long in fine table condition after maturity. Retains its freshness long after being cut.

It is a Leaf Lettuce, robust grower, large, light yellowish, green leaves, beautifully curled and when properly grown forms a perfect ball shape. Free from bitter taste, very sweet, rich flavor.

Pkt. .05; oz. .20; 1/4 lb. .75. Postpaid.

YOU REALLY SHOULD think twice before deciding to buy cheap seeds—The cost of the best is infinitesimal compared with value of resulting crops and you cannot afford to experiment with seeds of doubtful pedigree. The "McKenzie Quality" of High Grade Selected Seeds is in universal demand in the West to-day and bids fair to increase in the future. We are practical Seedsmen, conversant with the needs of Western Farmers. We grow and sell the best seeds because we know.

ORDER IT FROM MCKENZIE'S.

Other Varieties

Lettuce				Kohl Rabi Continued			
Pkt. oz. 1/4 lb.				Pkt oz. 1/4 lb. 1 lb.			
685—Black Seeded Simpson. One of the best summer varieties (Crispleaf).....	.05	.20	.75	639—Early Purple Vienna. Not quite so early as the White but slightly larger in size. Similar in every other respect excepting color—the skin being a purplish red.....	.05	.25	.75
686—California Cream Butter. A summer lettuce, whose rich cream-yellow leaves are most refreshing in appearance; rich and buttery to the taste. The heads are of good size, round and solid, and slow to go to seed (Butterhead).....	.05	.20	.75	640—Goliath Purple. Similar to above but grows larger. Of excellent flavor.....	.05	.20	.60 .90 \$1.75
688—Iceberg. Large header, crisp and brittle; bright green in color; curled edges (Crispleaf).....	.05	.20	.75	LEEK.			
690—Big Boston. The best midseason or summer lettuce. This variety does well under great variations of temperature (Butterhead).....	.05	.20	.75	The culture of this valuable vegetable only needs to be more general for it to be better appreciated. It is very hardy, easy to grow and one of the most useful all round vegetables in the garden.			
691—Hanson. A fine large-headed variety. Outside leaves green, inside ones almost white. Heads are crisp and brittle and flavor excellent (Crispleaf).....	.05	.20	.75	651—Musselburgh. A splendid Scotch strain, its extreme hardness making it a very suitable variety for the cool climate of the Western Provinces. The stems are perfectly white, thick and of uniform evenness throughout. Grown under favorable conditions, specimens may be grown 18 inches in length. When properly cooked no vegetable can excel the Leek for wholesomeness.....	.05	.25	.85
692—Nonpareil. Yellowish green, crisp and sweet (Crispleaf).....	.05	.20	.75	652—Broad London or English Flag. A large, strong growing variety which produces thick stems of sweet flavor.....	.05	.25	.85
COS VARIETIES. Valued for their fresh crispness and mild flavor. If you find they will not head naturally, the tips of the leaves should be tied together and the interior will blanch beautifully.				653—Carentan. Highly recommended for quality and size of stalk which produce broad, flat, leaves.....	.05	.25	.85
717—Paris White Cos. A popular old variety growing to a large size, with long, conical, compact heads, blanching well when tied.....	.05	.20	.75	LEMON.			
718—Green Cos. Similar in growth to White Cos, but has large, dark green leaves.....	.05	.20	.75	672—Garden. Small, round, fruit; acid flavor.....	.05	.40	
EGG PLANT.				MANGO.			
579—New York Improved Purple. This is an entirely spineless strain, producing grand, large fruit, thick and of most attractive form—large and well colored. An excellent variety.....	.10	.80		775—Vegetable Orange. The fruits are of oval shape of a golden yellow color. The unripe fruits are excellent for jellies, preserves, tarts or pickles, and make splendid Mangoes when stuffed with cabbage, like peppers.....	.05	.30	.90
ENDIVE.				MELON—MUSK or CANTALOUPE.			
589—Green Curled. Finely fringed leaves of bright green color. Tender and crisp when properly blanched. The most popular variety—very hardy.....	.05	.25	.90	743—Paul Rose. Is the result of a cross of the Osage and Netted Gem varieties. It is a peculiarly sweet, rich, delicious flavor, and is a long keeper.....	.05	.20	.70
590—Moss Curled. Resembles a bunch of moss, dark green, blanches beautifully.....	.05	.25	.90	744—Emerald Gem. Undoubtedly the finest in flavor of any variety. Skin is a rich, deep emerald green; flesh is thick, crystalline in appearance, and of rich salmon color, rind thin, small seed cavity.....	.05	.20	.70
591—White Curled. The thick centre leaves are naturally of a pale, yellow color, exquisitely curled and very finely cut. Always crisp and tender.	.05	.25	.90	745—Early Hackensack. This is one of the best, as well as the earliest, hardiest and most prolific of Netted Musk Melons.....	.05	.20	.70
KALE or BORECOLE.				WATER MELON.			
A popular boiling green producing loose curly leaved types of the cabbage family, particularly hardy. It resembles the cabbage in flavor and makes excellent tender greens for winter use. Frost improves the quality.				Some idea of the successful cultivation of these may be gained when we say there is one district in Manitoba where "water-melon" has been grown and shipped in carload quantities			
111—Dwarf Green Scotch Curled or German Greens. Leaves of a bright green, very tender and closely curled. Plants about 18 inches high. Quite hardy.....	.05	.25	.85	770—Peerless (White Seeded). Of unquestionable quality; very early, of medium size, thin rind, flesh bright scarlet.	.05	.20	.55
112—Tall Green Curled. Grows about 2 1/2 ft. high making very attractive plants. Similar to the Dwarf but more vigorous.....	.05	.25	.85	MUSTARD.			
KOHL RABI				810—White London. The best for salads.....	.05	.15	.40
638—Early White Vienna. Of excellent table quality—equally good for forcing or cultivation in the open. Flesh is white and very tender. When ready for use the bulbs are about the size of an apple.....	.05	.25	.75				

Mushroom Spawn

790—It is acknowledged by all successful mushroom growers that the first and most important thing to be considered is the Spawn. If the Spawn is not good it is impossible to attain success. Stock offered by us is the genuine English, imported direct from the best sources known, and will, under ordinarily favorable conditions, give satisfactory results. Special printed cultural instructions accompany each order. Per Brick .40; postpaid; 5 Bricks by Express .20 each.

It is not a question of price but QUALITY

Onion Sets

For quick results, plant Onion Sets. McKenzie's Onion Sets are the "acme of perfection," every Set a winner. McKenzie's Onion Sets have behind them a twenty-year record, gaining in popularity all the time. Ensure your onion crop by planting McKenzie's Onion Sets in a liberal manner. For delicious early green onions, plant McKenzie's Yellow Multipliers. They will give you just that delicacy you will be looking for after the spring days.

Your Dutch Sets are really grand; they were the best crop we ever had.

Amos E. Ogilvie,
Ardath, Sask.

Yellow Multipliers from you were fine, much better than other sets we used.

Miss Grace Steele,
Culross, Man.

Speltz.—Would say the seed supplied by you has given every satisfaction. I sowed 100 pounds of seed and threshed just seventy bushels of grain, which I think a good yield, from one acre.

Geo. C. Lawson,
Hanley
Nov. 10, 1915.

Yellow Dutch

The planting of Onions Sets is increasing rapidly each year and has reached a magnitude in this Western Country that almost threatens to replace the sowing of seed entirely. There is no question as to the great advantages to be gained by this method, as it is possible to produce young green onions fully six weeks earlier than can be had by sowing seed. The grower is therefore able to sell his entire crop earlier in the season when prices are higher than when the general crop is ready for market. McKenzie's small Sets are exceptionally hardy and are the result of constant and untiring energy in this important section of our business. It is now generally recognised throughout the entire west that we are Headquarters for the choicest and finest sets obtainable. It is important to use McKenzie's Selected Sets which enables the grower to obtain onions earlier than ordinary stocks will produce. We have made a name for the quality of our sets and every effort will be made to maintain our reputation.

887—Cannot be surpassed for producing hard and sound sets. Our Northern Grown are the premier quality of the West. Sure to please. $\frac{1}{2}$ lb. .20; 1 lb. .30; 4 lb. \$1.10. Postpaid.

White Dutch

888—White Dutch Sets, maturing as they do a trifle earlier than the Yellow Dutch and owing to the beautiful silvery green Onion they produce, are a very popular favorite for market gardeners.

Like Yellow Dutch, Multipliers and most other sets, this variety if allowed to mature, will produce a fine large onion. However, as a rule, it is seldom grown as a winter Onion, as it is not as good a keeper as the Yellow Dutch. It is slightly coarser grained than the Yellow.

$\frac{1}{2}$ lb. .25; 1 lb. .35; 4 lbs. \$1.20. Postpaid.

Yellow Multiplier

889—Many of our customers prefer Multipliers or Potato Onions to Dutch Sets on account of their cluster growing habit. One bulb will throw out six to twelve sprouts. After Yellow Dutch Sets this variety comes next in general cultivation for early green onions a great many planters grow both. If left to grow to maturity they will grow onions of moderate size, making good cooks. The matured onion, like the sets, forms in divisions; are most excellent keepers and of a remarkably fine mild flavor. $\frac{1}{2}$ lb. .20; 1 lb. .30; 4 lbs. .90. Postpaid.

Garlic—(Selected Sets)

909—A perennial bulbous plant, allied to the onion, used for flavoring soups, etc. .35 per lb.

Prices. The prices named in this catalog are based on present value at date of publication; but owing to market changes we cannot guarantee to adhere to same throughout the selling season, although we always endeavor to do so. Our booklet.

"Onions and How to grow them"

is free to our customers.

Winningstadt Cabbage. — I have pleasure in saying the seed gave every satisfaction and germinated well, producing large heads of fine quality. I may add that all the garden seeds received from you this season gave satisfactory results. James Smith, Prince Albert.

We are the largest Onion Set Dealers in Canada

AILSA CRAIG ONION

Photo by A. E.
McKenzie
Co., Ltd.



Ailsa Craig

An Old Favorite of Proved Merit

847—Having experienced some demand for this grand onion we have decided to offer it and we are confident it will give full satisfaction to all who use it. It was introduced by a leading grower in England many years ago and so general is its use there that no amateur or Market Gardener would consider his order complete without it. It is one of the largest and most useful varieties for all purposes. May be sown in either Spring or Fall and produces a heavy crop of fine handsome bulbs which are unrivalled for Exhibition purposes. The stock we offer is grown from picked bulbs thus ensuring trueness to type and uniformity.

Pkt. .05; oz. .30; 1/4 lb. .85; 1/2 lb. \$1.30; lb. \$2.50. Postpaid.

Superior Golden Globe

A MOST MAGNIFICENT ONION OF IMMENSE SIZE

833—When we introduced this onion we had in mind a combination of three immense onions of different color and character for Exhibition purposes and the home garden, the other two being Giant Perfection and Improved Red. Like its two peers it is of immense size. In flavor and appearance it is ideal.

It is very delicately veined, perfect shape of immense proportions. The flesh is snow white, firm, mild, juicy and of very delicate flavor. As hard as a brick, its keeping qualities are unexcelled. Perfect in every respect it bids fair to be universally grown.

Pkt. .10; oz. .25; 1/4 lb. .85; 1/2 lb. \$1.20; lb. \$2.25. Postpaid.

Photo by
A. E. McKenzie
Co., Ltd.



ONION—McKenzie's Northland

830—One of the most popular onions in the Canadian West. Its combination of many ideal qualities entitles it to a leading position with all who grow this valuable vegetable. It is similar to Yellow Globe Danvers, producing well ripened bulbs averaging two inches in diameter and nearly globe shaped. Remarkably solid and heavy. One of the surest keepers and best sellers grown. Flesh is an attractive sparkling white, very mild and pleasant flavor. An enormous yielder and a fine keeper. It forms a bulb very early in the season so that it may be used practically the entire summer, ripening up crisp and solid in the fall. The tops die off entirely, leaving fine uniform shaped bulbs without neck. The last few years the demand for this onion has been so great we have had hundreds of orders before our Catalogue was off the press.

Pkt. .10; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.20; 1 lb. \$2.25. Postpaid.

TOPS RIPEN
DOWN CLOSE



Giant Prizetaker.

Giant Prizetaker

A GREAT FAVORITE WITH MARKET GARDENERS

841—When the proximity of large cities creates immense values for land and consequent high rent, the gardener's choice of onions invariably falls to Prizetaker, on account of its phenomenal size and owing to its fine tempered flavor. It attains its immense size under exactly the same conditions necessary to cultivate other sorts.

It is a bright clear straw color; always grows to a uniform and most perfect globe shape. The bulb is very solid and heavy. The flesh is crisp, white and of very delicious quality.

Is very hardy and a good winter keeper, as it ripens up hard and firm. It is very fine-grained and of mild, delicate flavor. (See illustration.)

Pkt. .05; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.15; lb. \$2.00. Postpaid.

McKenzie's Giant Perfection Globe

THE LARGEST ONION GROWN IN THE WEST

831—When we originally introduced this onion we called it "Perfection," as it was distinctly a Peer in every respect. One of our customers intimated it failed to do justice to its immense size, hence we prefixed it with the name "Giant."

It is beyond question the largest onion grown in Canada to-day. Nor has it lost any essential qualities in the hybridizing for size, but rather it appears to have been wonderfully improved, as the flesh is purest white, finest grained, deliciously tender, remarkably hard and delicately mild. Skin is beautiful pale straw color. It is an exceptionally sure keeper and unsurpassed in yield. Globular shape, similar to Prizetaker.

The base is well rounded (insuring little waste and heavy yield); likewise upper half very full, gradually tapering to top, almost devoid of neck, which bespeaks its high breeding. Grow this superb Onion—you will profit by giving it a trial.

Pkt. .10; oz. .30; 1/4 lb. .80; 1/2 lb. \$1.45; lb. \$2.75. Postpaid.

Onion Seed of proved quality is one of our leading specialties

Large Red Wethersfield

McKenzie's Selected

Great Improvement in the size, shape and quality of our Selected Red Wethersfield makes it vastly superior to the older sorts.

The specially selected seed we offer produces the finest shaped, best colored and largest cropping onion of the Wethersfield type and is grown by experts, from bulbs critically selected for size, solidity, color, shape and small necks to insure a perfect onion.

Next to the Danvers Yellow Globe this is the leading onion grown for either market or home use. Immense cropper, large in size, deep purplish red skin, form round, somewhat flattened, purplish-white flesh of an admirably mild flavor. (See illustration.)

834—McKenzie's Selected Large Red Wethersfield.
Pkt. .05; oz. .30; 1/4 lb. .85; 1/2 lb. \$1.30; lb. \$2.35. Postpaid.

835—Red Wethersfield. (Ordinary stock).
Pkt. .05; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.20; lb. \$2.25. Postpaid.

Australian Brown

One of the "Best for the West."

836—As the name implies this splendid deep Brown variety is of Australian origin and it has invariably proved a success where other sorts have failed. It is adapted to a great variety of soils and is not easily affected by climatic conditions. It does exceptionally well in our Prairie West. The bulbs somewhat resemble the Danvers in size.

Very early, maturing about four weeks before the Red Wethersfield. The flesh is firm, of mild flavor and the ripe bulbs will remain in good condition for many months after harvesting. (See illustration.)

Crop failed.

Photo by
A. E. McKenzie
Co., Ltd.



Australian
Brown Onion.

Large Red Globe

McKenzie's Improved

The Largest Red Globe Onion

832—This is a fine strain and will undoubtedly please all who grow it. Of handsome dark red globe shape averaging 3 inches in diameter, weighing about nine ounces. It is a fine exhibition onion—one of the best for our Western Soil where it has given great satisfaction. Our seed is Western Grown thus insuring its adaptability.

Pkt. .05; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.10; 1 lb. \$2.00. Postpaid.

Other Varieties

- 840—Yellow Flat Danvers Productive, early, yellow onion, medium size, flesh white and solid.
- 843—Southport White Globe A pure white, globe-shaped variety. Forms handsome, hard onions, with wax-like flesh.
- 844—Early White Welsh (For green onions.) This kind does not form a bulb, but is one of the best kinds for "Green Onions." The plants are perennials, and can remain in the ground for years.
- 845—Southport Yellow Globe.
- 846—Mammoth Silver King One of the largest varieties in cultivation. Matures early, of fine shape, being flattened, but thick. Skin is a beautiful silver white; flesh snowy and tender; flavor mild and sweet.
- PICKLING VARIETIES**
- 866—Queen. (First-Class Pickling Variety)
- 867—Early Silverskin. Early, small, round French variety, white skin; good for pickling and bunching.
- 868—White Barletta, well known pickling variety

Onion



Red
Wethers-
field.

Yellow Globe Danvers

McKenzie's Selected Extra

This grand Standard variety still holds its deservedly prominent position in the front rank of Onions and is highly praised by Market Gardeners and Home Growers alike. Produces handsome nearly globe-shaped bulbs of pale yellow color, crisp, pure white flesh of mild flavor. Our selection is Extra Special and we recommend it with every confidence as far superior to the ordinary Stock. We sell more of this variety than any other.

839—McKenzie's Selected Yellow Globe Danvers.
Pkt. .05; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.20; lb. \$2.25. Postpaid.

838—Yellow Globe Danvers. (ordinary stock).

Pkt. .05; oz. .20; 1/4 lb. .65; 1/2 lb. \$1.10; lb. \$2.00. Postpaid.

Please send me a catalog. I have always been pleased with Vegetables grown from your Seeds and others that buy Vegetables from me. You may use these lines if you like.

MRS. G. GIESBRECHT,
Herbert, Sask., Mar. 1, '15.

I also wish to tell you that I am more than satisfied with your "Large Red Wethersfield" Onion seed, of which I purchased one pound last Spring.

MRS. J. KNOWLES,
Arrow River, Sept. 18, '15.

Extra Early Red

837—A medium sized flat variety. Fine grained, mild in flavor. Sometimes erroneously called Extra Early Red Wethersfield; but it matures earlier than the latter and in suitable soils grows almost as large. Of deep rich red color, hardy, and very desirable for early marketing.

Pkt. .05; oz. .25; 1/4 lb. .75; 1/2 lb. \$1.15; 1 lb. \$2.00. Postpaid.

Pkt.	oz.	Postpaid.		
		1/4 lb.	1/2 lb.	1 lb.
.05	.20	.65	\$1.10	\$2.00
.05	.35	\$1.10	1.70	3.25
.05	.30	.80	1.35	2.50
.05	.30	.75	1.20	2.25
.05	.30	.80	1.35	2.50
.05	.30	.85	1.35	2.50
.05	.30	.85	1.35	2.50
.05	.30	.85	1.35	2.50

JUST AT THE TIME

of preparing copy for this Catalogue we are daily receiving a large number of testimonials from satisfied users of McKenzie's Seeds. As the years go by these expressions of satisfaction increase, which encourage us to stand firmer than ever to our resolution, formed at the inception of our business, to supply only the best. The first cost of the very best Seeds is so infinitesimal, comparatively with the value of resulting crops, that it is surprising anyone should risk buying so called "cheap seeds" of doubtful quality.

GET THE BEST—McKENZIE'S.

Write for our free Booklet, "Onions, and How to Grow Them"

Photographed by A. E. McKenzie Co., Ltd.



Manifold.

McKenzie's Manifold

980.—In offering this grand selection we confidently believe it to be unsurpassed in Earliness, Quality and Yield. Its name was suggested to us by reason of its combination of sweetness, lusciousness, rich flavor, productiveness and earliness.

An extra early grower, about 12 inches high similar in shape to "Little Marvel" but a trifle larger. Foliage dark green and very heavy. Pods straight with rounded ends averaging three inches in length. Well filled with nice plump wrinkled peas. Splendid delicious peas can be had throughout the entire season by sowing at intervals.

Pkt. .05; 1/2 lb. .25; 1 lb. .40. Postpaid.

Pilot

MCKENZIE'S SPECIAL STOCK

981.—In The Pilot we have a Pea which embraces all the superlative attributes of size, quality, productiveness and earliness in a very marked degree.

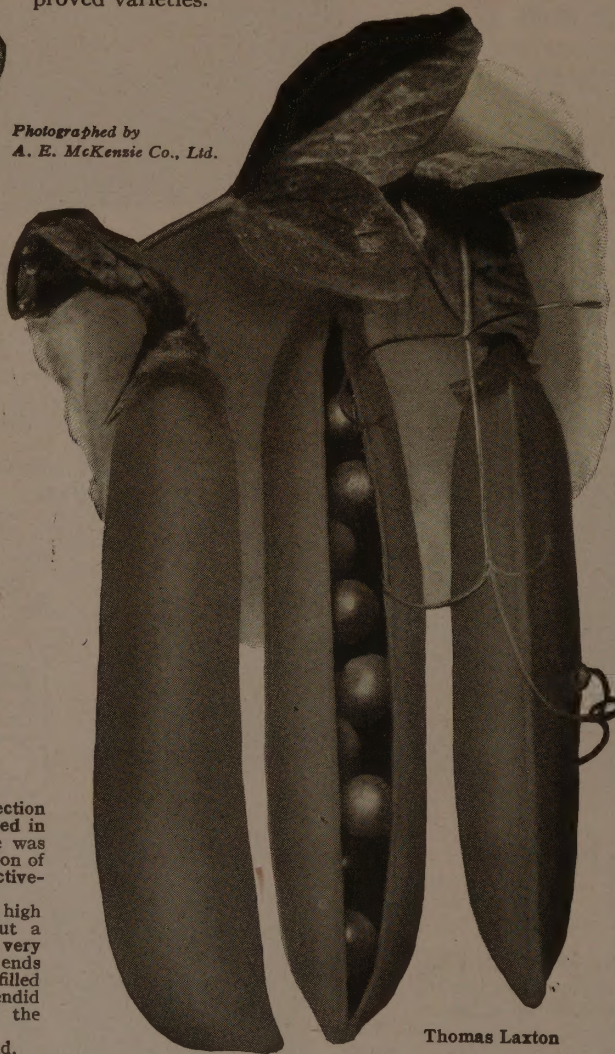
The haulm makes very vigorous growth, attaining the uniform height of 3 feet; the foliage is of medium size, of a rich healthy green color and the pods, which are produced in abundance from the bottom to the top of the vine, are long, almost straight. Equals Gradus in size and pod of excellence of flavor, but considerably more productive. Belonging to the early ground seeded varieties, the seed may be sown much earlier than wrinkled sorts.

Pkt. .05; 1/2 lb. .25; 1 lb. .40. Postpaid.

Peas—Extra Early Varieties

It is now generally conceded in the West that McKenzie's Stocks of Garden Peas are of unsurpassed quality and are so well known and appreciated that it is unnecessary to comment at length upon them. This department of our business has for several years past received extra special care and attention to the selection of stocks—so essential to ensure that true-ness to type to produce satisfactory crops in the garden. For customers' convenience we have arranged the Early, Second Early, and Main Crop varieties in their proper order, which we hope will be helpful in making a selection. You cannot go wrong on any of these proved varieties.

Photographed by
A. E. McKenzie Co., Ltd.



Thomas Laxton

Photo by A. E.
McKenzie Co., Ltd.



Prosperity OR Gradus

986.—Probably the greatest favorite of the Early varieties. One of the best selections in general use to-day, with pods nearly twice the size of the round seeded extra earlies and only a day or two later. Height about 3 ft. producing uniformly large pods 4 to 4 1/2 inches long well filled with eight to ten large handsome peas of finest flavor and excellent table quality. For market or home use it retains its foremost position. A really excellent variety.

Pkt. .05; 1/2 lb. .25; 1 lb. .40. Postpaid

Thomas Laxton

A STANDARD VARIETY OF GREAT EXCELLENCE

982.—Unquestionably one of the very best early Peas in cultivation and although introduced several years ago its popularity continues, growing with leaps and bounds. In many respects is a counterpart of the Gradus, differing from that variety in pods, which are blunt ended instead of curved. The vines grow 3 to 3 1/2 feet high, are very sturdy and close jointed, carrying an abundance of large broad pale green pods, produced generally in pairs, averaging eight to ten peas to a pod, of a delicious sweetness. Thomas Laxton is in the front rank of early large podded Peas; the pods are ready for pickling four or five days after First and Best, and being wrinkled variety, excels that sort for sweetness. (See illustration.)

Pkt. .05; 1/2 lb. .25; 1 lb. .40. Postpaid.

Ask for our free Booklet, "How to Cook Vegetables Grown from McKenzie's Seeds"

Photo. by A. E.
McKensie Co., Ltd.

PEAS Early Varieties—Cont.

Pioneer

992—For extreme earliness, superb quality, astounding productiveness it is unequalled. Thrives in the Canadian West soil.

Pods are about $4\frac{1}{2}$ inches long, packed tightly with 8 to 10 extra large, dark green peas, which many claim as luscious and sweet as Thomas Laxton. Peas are as large as Gradus and ready to pick just as early. (See illustration).

Pkt. .05; $\frac{1}{2}$ lb. .30; 1 lb. .45. Postpaid.

Little Marvel AN EARLY PEA OF CHOICE QUALITY

991—We offered this variety last season for the first time and are pleased to say it has exceeded our most sanguine expectations. Comes in about the same time as American Wonder and Notts Excelsior; but the pods are larger, peas more luscious and a heavier cropper. Grows 15 inches high, vines heavily set with pods, many of which are in pairs and average $2\frac{1}{2}$ inches long. A variety we particularly recommend to those who prefer an early pea of dwarf habit. (See illustration).

Pkt. .05; $\frac{1}{2}$ lb. .25; 1 lb. .40. Postpaid

Nott's Excelsior

THE IDEAL PEA FOR THE CANADIAN WEST

985—In this western country, where extremes in temperature are an important factor in vegetable growing, Nott's Excelsior, extra heavy, very healthy in growth and of unusual hardiness, has proven a most valuable pea.

It belongs to the extra early class and is a dwarf wrinkled pea. Extra heavy and very healthy in growth. Vines seldom exceed eighteen inches in height. Pods are about four inches in length, straight with blunt ends averaging 6 peas to a pod, being ready to pick at once. Very fine yielder. So thickly are the peas crowded in the pods they have the appearance of being forced in and assume a square-like shape. The quality is exceptionally fine.

Pkt. .05; $\frac{1}{2}$ lb. .25; 1 lb. .35. Postpaid.

Richard Seddon

A STRIKINGLY DISTINCT MERITORIOUS PEA

990—The better the acquaintance with this magnificent variety the more it is appreciated for its excellent and most desirable qualities.

Remarkably vigorous of haulm it has immense bearing capacity.

Many staunch advocates of American Wonder and Little Gem are giving way to the Seddon. Seven to nine handsome luscious Peas are very closely packed in pods of a deep green hue, averaging 15 to 20 pods per vine.

Excels in yield the American Wonder. In appearance favors the Manifold, although not as blunt and very much larger.

Very fine flavor, delicious and sweet. A splendid all round early variety.

Pkt. .05; $\frac{1}{2}$ lb. .30; 1 lb. .45. Postpaid.

American Wonder

ONE OF THE BEST EARLY DWARF WRINKLED PEAS

983—Considered by many to be the leading pea of the first earlies for combined flavor and quality. It is a cross between that old standard variety Champion of England and Little Gem and possesses the merits of both. This is the earliest of the dwarf wrinkled sorts: is decidedly distinct from all other varieties in habit of growth and appearance, the vines being unusually robust and stocky. It makes most rapid growth in warm weather and produces a profusion of good-sized pods, which are well packed with deliciously flavored peas, so sweet that many prefer it to all others, as it maintains its rich color when cooked and appears especially attractive when served.

Pkt. .05; $\frac{1}{2}$ lb. .20; 1 lb. .35. Postpaid.

Other Good Early Sorts

- 987—William Hurst. Very dwarf and vigorous, similar to American Wonder, 1 ft.
988—First and Best. A standard first early variety, popular with gardeners in all parts of the country. An extra early, white-seeded pea, $2\frac{1}{4}$ feet high.
989—Alaska. A very early, smooth green pea, pods rather small, green color, well filled, good flavor. 2 feet high.

Pkt.	Postpaid	
	$\frac{1}{2}$ lb.	1 lb.
.05	.20	.35
.05	.17	.30
.05	.17	.30

POUNDS vs. PINTS.

If you buy Beans, Corn or Peas by measure instead of by weight, thinking that a pint is equal to one pound avoirdupois, you are not getting as much seed as you expect. The difference in quantity runs from one ounce to one-quarter pound, according to variety. The same also applies to several grasses.

McLean's Little Gem

GEM IN QUALITY AS WELL AS IN NAME

984—It is generally conceded that this Pea is one of the most popular varieties for family use.

It is a dwarf green wrinkled variety of an exquisite buttery flavor. Remains fit for use longer than either American Wonder or Nott's Excelsior. Comes in about three days after the American Wonder. Grows about 14 inches high, pods are about $2\frac{1}{2}$ inches long.

Pkt. .05;

$\frac{1}{2}$ lb. .20;

1 lb. .35.

Postpaid.

Photographed by A. E. McKensie Co., Ltd.

Pioneer Pea

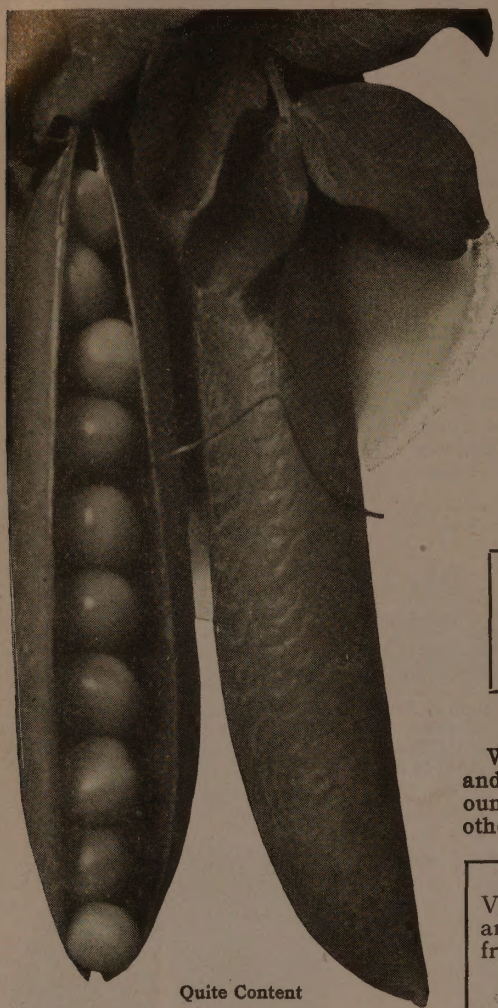
Little Marvel

Special
Cash Dis-
count on
Postpaid
prices, see
page 4

**PRICES—NO MATTER WHERE YOU LIVE WE PAY POSTAGE
ON ALL SEEDS IN PACKETS, OUNCES AND POUNDS, EXCEPT WHERE OTHERWISE NOTED**

When buying it is quality that counts—not price

Photo by A. E. McKenzie Co., Ltd.



Quite Content

PEAS Second Early and Main Crop

Quite Content

A GIANT PODDED MAINCROP
MARROWFAT PEA

1016—This is undoubtedly one of the finest introductions of recent years and has amply demonstrated its wonderful superiority. Pronounced by leading experts to be the **finest pea ever seen**. It has already been awarded **over six hundred First Prizes** at all the important shows in England, and no other pea has caused such a furore in the horticultural world during the last decade. It grows to a height of 5 to 6 feet, foliage and pod deep green, pod measuring 7 to 7½ inches long hanging mostly in pairs. Quite distinct from any other Pea. Our trials during the past season proved this excellent variety to be everything that is claimed for it by the introducers. **Do not miss this when ordering.** Stock limited. Order early. (See illustration).

Pkt. .05; ½ lb. .25; 1 lb. .40. Postpaid.

I took 13 prizes from your seeds at the Stonewall Horticultural Show on the 28th August, and I am also showing at Stonewall Fair next Wednesday and Thursday, Sept. 22-23rd.

MRS. C. P. MAIN,
Balmoral, Man., Sept. 17th, 1915.

PRICES

We pay Postage on Peas, Beans and Corn, and on all Seeds in packets, ounces and pounds, except where otherwise noted.

I have always been pleased with Vegetables grown from your Seeds, and others that buy Vegetables from me.

MRS. G. GIESBRECHT,
Herbert, Sask., Mar. 1st, 1915.

Improved Stratagem

1009—This strain is everywhere a familiar type. There is much character in it. It is pleasing to the eye, delightful to the taste and remunerative to the grower.

It is one of the greatest favorites for both Market and Home use.

The vines are strong, vigorous and covered with immense pods, which curve gradually to a point, many of which measure as much as five inches in length and containing, quite frequently, ten fine, large, richly flavored, uniform peas. Each seed, as a rule, produces two stalks, which make it extra productive.

Pkt. .05; ½ lb. .20; 1 lb. .35. Postpaid.

Rentpayer

A DESERVEDLY POPULAR MAINCROP
DWARF VARIETY

1012—Inspection of our various trials proved this grand old timer to be maintaining its excellent reputation to the full. Our experience is that it compares favorably with all the leading dwarf sorts and the last seasons trials showed that it is still in the front rank for market gardening or home use. It has been happily named by the introducer and is likely to prove a profitable proposition to all who grow it.

Of dwarf habit, attaining the height of 18 inches, with a robust constitution and of such vigor that it yields abundantly with pods produced in clusters, each pod averaging 3½ to 4 inches long; very straight, broad and pointed and with the additional merit that the flavor of the Peas is decidedly luscious. (See illustration.)

Pkt. .05; ½ lb. .25; 1 lb. .40. Postpaid.

Your seeds are well known to us and there has not been a season pass for many years that we have not had first class success with them.

STUART CRIDDLE,
Treesbank, Man., Feb. 26, '15.



Photo by A. E. McKenzie Co., Ltd.

Rentpayer

To have other than the best when the best is to be had is the wisdom of the unwise

Photo by A. E.
McKenzie Co.,
Ltd.

PEAS—Duke of Albany

1015—Resembles that popular variety "Telephone" in appearance but not so tall, being 2½ to 3 ft. in height. Pods larger than "Telephone" and produced in greater abundance. A first class main crop variety for market and home use.

Pkt. .5; ½ lb. .20; 1 lb. .30. Postpaid.

OTHER MAIN CROP AND LATE VARIETIES

	Pkt.	½ lb.	1 lb.
1010—Heroine. A Green wrinkled variety of unsurpassed quality, 2½ ft. high.	.05	.20	.30
1013—Yorkshire Hero. A very hardy and prolific, wrinkled variety. The peas are large and of fine quality; pods broad, medium size; remain in condition for a long time. 3 feet high.	.05	.18	.30
1014—Champion of England. One of the oldest of the tall-growing late peas, yet none have been found to surpass it in quality. The vines are very vigorous, and produce large pods in the greatest abundance. 5 feet high.	.05	.20	.30
1017—Telephone. Tall, vigorous, with enormous pods, bearing large, wrinkled peas, of remarkably fine quality. A popular home garden and market variety. 5 feet high.	.05	.20	.30
1018—Black Eye Marrowfat. (See Field Peas, page 51)			
1019—White Marrowfat. (See Field Peas, page 51)			

PARSLEY

929—Champion Moss Curled, very attractive and ornamental. The leaves are of an Extra Dark Green Color. Very productive and on account of the thickly curled leaves a quantity can be quickly gathered. Very useful for borders. Pkt. .05; oz. .20; ¼ lb. .55. Postpaid.

OTHER VARIETIES

	Pkt.	oz.	¼ lb.	1 lb.
930—Triple curled. Dwarf, beautifully curled, excellent for garnishing.	.05	.20	.60	
931—Turnip-Rooted. Have fleshy roots similar to small parsnips; used for flavoring.	.05	.20	.55	

PARSNIP—Manitoba Prize Intermediate

A POPULAR WESTERN FAVORITE.

951—The need of something to take the place of the Sweet Potato has been instrumental more than any other cause to place the parsnip in such popular favor throughout Western Canada.

Parsnip grows to perfection here, its distinctive taste and exceptional palatableness are more noticeable than in most any other vegetable. Grows to a large size, smooth surface, fine grained and superlative flavor.

	Pkt.	oz.	¼ lb.	1 lb.
Pkt. .05; oz. .20; ¼ lb. .45. Postpaid.				
952—Hollow Crown. The old standard; smooth, large, tender and sugary.	.05	.20	.40	
953—Guernsey. One of the best. Not quite as long but larger in diameter than the Hollow Crown. Easily harvested.	.05	.20	.40	
PEANUTS 970—Spanish. Largest, most prolific.			.10	.35
PEPPER				
1039—Ruby King. The fruits are from 4 to 6 inches long and about 3½ inches through. Bright red color, remarkably mild and sweet, unsurpassed for stuffing. Single plants ripen 8 to 10 fruits.	.05	.40		
1040—Golden Dawn. Bright yellow, and very mild flavor.	.05	.40		
1041—Long Red Cayenne. Long slender, scarlet fruits.	.05	.40		

Duke of Albany Peas.

Pumpkin

1061—McKenzie's Large Cheese. It should not be overlooked that Pumpkin is about the only vegetable that adapts itself to general table use as well as extensively for pie purposes. If for no other reason than pie use, pumpkins, which thrive extraordinarily in the West, should be grown by every family.

The Large Cheese unquestionably receives greatest prominence on account of its cooking quality and the delicious pies it makes.

Without doubt the very best Pumpkin grown. Its mammoth size, splendid shape, beautiful rich appearance, rich golden flesh and sweet mild flavor, make it by far the best for family use.

As it is a very free and robust grower, very little care is required for its cultivation. (See illustration.)

Pkt. .05; oz. .15; ¼ lb. .40; 1 lb. \$1.10. Postpaid.

	Pkt.	oz.	¼ lb.	1 lb.
1062—Small Sugar. Small, yellow, fine grained, sweet, very prolific.	.05	.10	.30	.75
1063—Large Field. A fine large orange-colored variety used for field culture and stock feeding.	.05	.10	.30	.75
1064—Mammoth or Jumbo. Flesh and skin are of bright golden color; flesh fine-grained and of excellent quality.	.05	.20	.70	2.00

Large Cheese
Pumpkin.

Photo by A. E.
McKenzie Co., Ltd.

NOTICE

In the West, where bees are not numerous, PUMPKIN, SQUASH, CUCUMBER and other similar vines, sometimes do not bear fruit. It will generally be found that the blossoms do not get fertilized. Unless bees are kept, this work should be done by hand. The process is very simple, viz.: Pull the bloom off the staminate (male) flowers and place it in contact with the pistillate (female) flower and leave it there. The pistillate is readily distinguished from the staminate by having a small immature fruit just below the bloom as soon as it expands.

Regarding the Guernsey Parsnip seed received from you this last Spring; I might say that the Seed germinated well. The Parsnips are still in the ground, and are almost eight inches long and an inch and a half at the top, the root being smooth and white with no side roots, and looks unusually well. They are a better crop than we have had for some years.

CHARLES E. CHAPMAN,

Oak Lake, Man., Sept. 13, '15.

SEE INDEX—INSIDE COVER



Manitoba Prize Intermediate Parsnip.

Radish

Giant White Strasburg

A Grand New Variety of Proved Merit
The Acme of Perfection

1090—The introduction of this excellent new long Radish is a distinct advance in this popular Vegetable, and we can safely say there is no variety to compare with it. Amongst all the fine stocks of long white Radish we tried during the past season the **Giant White Strasburg** stands out as superior to any other sort and we confidently recommend all to include it in their order for Garden Seeds this season.

The enormous size and pure white color of this stock cannot be adequately conveyed by an illustration and it is only when cut open that the chief merit is revealed. For a Radish of such great size it is remarkable for its absence from woodiness or dryness. It is firm in the flesh, juicy and of delicious pungent flavor. The fine flavor, size, appearance and general good quality have prompted us to give special prominence to this new variety, as we particularly wish our customers to give it a trial.

It is a pure white strain, resembling Chartier's, but attains much larger size. The specimens illustrated on this page exceeded ten inches in length and were proportionately broad at the shoulder, tapering gradually along their entire length,

thus making as nearly a perfect Radish as possible. A table delicacy for the epicure. Excellent in every way—the grandest long Radish in cultivation. Pkt. .10; oz. .25; ¼ lb. .60; 1 lb. \$1.50. Postpaid.



Giant White Strasburg Radish.

Other Varieties

EARLY ROUND or TURNIP-SHAPED VARIETIES.

1087—Early Scarlet Ball. Small round, rich color, small top and quick growth; flesh tender and crisp.

1089—Early White Globe. Valuable for forcing; color clear white; flavor very mild.

EARLY OLIVE or OVAL-SHAPED VARIETIES.

1120—Scarlet Olive Shape. Popular because of its quick growth and fine bright scarlet color

EARLY LONG VARIETIES.

1121—Chartiers. White tipped, excellent, attains large size before it becomes fit for the table.

1122—Wood's Early Frame. Fine sort for first crop; continues brittle and tender until July.

1123—Iceberg. A splendid radish, very early and of fine flavor; flesh pure white.

1124—White Naples. Excellent for table; flesh white, crisp and mild.

1125—White Vienna or Lady's Finger. Large, white crisp sort; flesh delicate and tender.

WINTER VARIETIES

1145—Scarlet China. (China Rose). Skin smooth, bright rose, white tipped.

1146—California Mammoth. Eight to twelve inches long; two to three inches thick; white solid and of good quality.

1147—Black Spanish. Black skin, flesh pure white; one of the best for winter.

1148—White Chinese. An excellent sort, flesh firm, of mild flavor.

1167—FAMILY RADISH MIXTURE. This is a mixture of all the Early and Medium Summer

Varieties of all shapes and sizes, some of which will be ready earlier than others, giving a succession of varieties for the family table.

Pkt.	Postpaid.		
	oz.	¼ lb.	1 lb.
.05	.10	.35	1.00
.05	.15	.35	1.00
.05	.15	.35	1.00
.05	.15	.35	1.00
.05	.15	.35	1.00
.05	.15	.35	1.00
.05	.20	.55	
.05	.20	.55	
.05	.20	.55	
.05	.10	.30	.90

Do Not Forget Our
Special Cash Discount

See Page 4

NOTICE

THERE IS NO NEED for customers to be without full particulars as to sowing and treatment of **McKenzie's Seeds**.

Specially printed Cultural Directions for Vegetable Seeds are sent free with every order. Flower Seed Directions will be found on the back of each packet.

Try the new White Strasburg Radish



McKenzie's Rosy Gem

RADISH

McKenzie's Rosy Gem

1084—The many fine radishes to select from, for crispness, tenderness, sweetness and mildness we place Rosy Gem at the head of the list of the Round or turnip shaped varieties.

Experience has also demonstrated this variety as the best adapted to our varied climate.

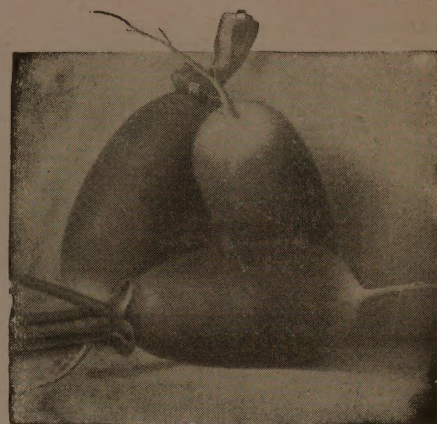
It is rose color tipped with white.

Successive plantings give a supply of the finest radish throughout the season.

An excellent sort for forcing, and valued much for market purposes.

Our seed is grown from carefully selected and transplanted roots. (See illustration.)

Pkt. .05; oz. .20; 1/4 lb. .40; 1 lb. 1.10. Postpaid.



French Breakfast

Scarlet Turnip

(WHITE
TIPPED)

A Very Rapid Growing Radish
of Superb Flavor

1088—It is equally popular as a forcing Radish when planted in the open. Amongst its other advantages over most types is its ability to develop rapidly. Roots should be ready for the table within 18 or 20 days from date of sowing.

In shape this variety has a rounded form and most distinct in its markings, the upper portion being an intense rosy crimson, the lower part white. For solidity, crispness and freedom from pungency this variety possesses many properties not found in other varieties. We cannot write in terms sufficiently eulogistic concerning the many merits of this valuable sort; suffice to say that as a market radish it is generally recognized in America and Europe. As it forms a small top, this variety can be sown closely in the drills.

Pkt. .05; oz. .15; 1/4 lb. .40; 1 lb. 1.10.

Scarlet Globe Forcing

(McKenzie's Selection)

One of the Best Forcing Radishes

1085—In the European Markets this type is particularly popular for extremely early Radishes and as a forcing Radish is considered by many very hard to beat.

It is a fine appearing Globe shape of striking crimson color, very small tops and grows exceptionally rapid, which does not in any manner affect its quality; in fact, it has a tendency to make it more crisp, tender, mild and delicious in flavor. The flesh is a fine sparkling white appearance, fine-grained and solid.

Pkt. .05; oz. .20; 1/4 lb. .40; 1 lb. 1.10. Postpaid.



Early Scarlet Ball

Early French
Breakfast

McKenzie's
Rosy Gem

Photo by A. E. McKensie
Co., Ltd.

French Breakfast

Beautiful
Attractive
Tender Crisp

1119—Grows with remarkable rapidity and especially prized for its excellent forcing quality and unexcelled for outdoor growing.

The quality is very perfect, crisp, tender, fine-grained and a cool refreshingly mild flavor.

It is a beautiful olive or oblong shape (sometimes spoken of as a half long) bright carmine color with white tip.

There are so many inferior strains of this variety grown cheaply and for commercial purposes that we have taken every precaution to secure seed of the highest type. (See illustration.)

Pkt. .05; oz. .15; 1/4 lb. .35; 1 lb. 1.00. Postpaid

Non Plus Ultra

The Great Forcing Radish

The Market Gardener's Favorite. Earliest in Cultivation

1086—Distinctly a Market Gardener's type owing to its exceptionally fine forcing characteristics, and as such is used by practically all Gardeners for extra early crop radish.

It is likewise valued for its small uniform size, turnip shape and nice attractive appearance.

Other valued essentials are its close growing habit (having small tops), its rapid growth in the open, and its ideal successive croppings.

Added to these qualities are its exquisite mild flavor, crispness, solidity and juiciness.

The flesh is a fine sparkling white, fine grained and solid. The skin is deep rich scarlet.

Pkt. .05; oz. .15; 1/4 lb. .40; 1 lb. 1.10. Postpaid.

Rhubarb

1187—Victoria. Stalks red, thick, tender, good quality
RHUBARB ROOTS. (See page 32.)

Salsify or Vegetable Oyster

1197—Mammoth Sandwich Island. Large; superior quality; excellent flavor

Spinach

1217—Curled-Leaved Savoy or Bloomsdale. Plant of upright growth, narrow pointed leaves, crinkled like those of Savoy cabbage.....

1218—Long Standing. Leaves thick, fleshy and crumpled, round, large, dark green color; slow to run to seed..

1219—Victoria. Foliage heavy, the broad, dark green leaves being of the true Savoy appearance, and of finest quality; in prime condition two or three weeks after all other varieties have gone to seed

Sunflower

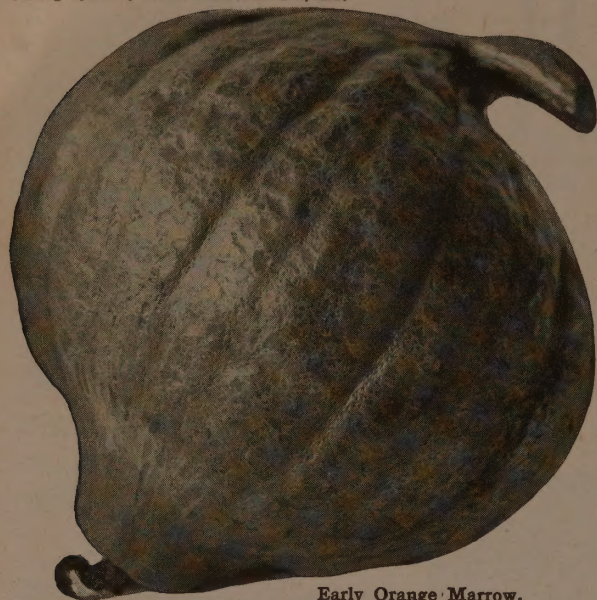
1288—Russian Giant. Used largely for Pet Birds; also cultivation, very prolific. (See also pages 75 & 92)...

Postpaid.			
Pkt.	oz.	1/4 lb.	1 lb.
.05	.40	1.00	
.05	.20	.70	
.05	.15	.35	
.05	.15	.35	
.05	.15	.35	
.05	.15	.25	.12 per lb.

5 lbs. or
more by
Express

It is not a question of price but QUALITY

Photographed by A. E. McKenzie Co., Ltd.



Early Orange Marrow.

SQUASH

McKenzie's Early Orange Marrow

Acknowledged the Best for the West

1237—As a cooker it heads the list and the praises we get are wonderfully gratifying. Medium size and of rich golden color. Of superior hardiness, it never fails to ripen and is by far the most suitable for this country. It is an exceptionally good keeper; growers frequently carry them over winter until late the following summer. Pkt. .05; oz. .20; 1/4 lb. .50; 1/2 lb. .90. Postpaid.

Vegetable Marrow—English Long White

Highly Esteemed for Its Admirable Qualities.

1268—This variety has stood the test of many years' trials and is still rightly considered to be one of the most desirable varieties to grow in the garden, as it is an unusually safe cropper, fruiting abundantly if permitted, although better results are obtained when thinning is adopted, fruits under this process of culture become more symmetrical and even in shape. Fruits are oblong, tapering slightly at each end, and creamy-white in color. No other variety can approach the Long White for exquisiteness of flavor and is highly esteemed for its admirable and well merited cooking qualities. See illustration.

Pkt. .05; oz. .25; 1/4 lb. .85; 1 lb. \$1.60. Postpaid.

Other Varieties

	Pkt.	Postpaid		
		oz.	1/4 lb.	1/2 lb.
1240—Early Yellow Bush Scallop. An early variety, with flat, round scalloped fruit; skin deep yellow, flesh pale yellow color.....	.05	.15	.45	.80
1241—Early White Bush Scallop—Similar to above, but with creamy-white skin.....	.05	.15	.45	.80
1242—Crookneck—Splendid sort, early, productive and fine quality.....	.05	.15	.45	.80
1243—Perfect Gem—Nearly round, 4 to 6 inches in diameter; prolific, skin cream-white; flesh white-grained.....	.05	.20	.55	1.00
1244—Boston Marrow. Large oval fruit; skin bright orange, flesh orange, fine-grained and excellent quality.....	.05	.15	.45	.80
1245—Fordhook. It ripens early and is one of the best keepers we know of; very prolific, flesh thick, straw-colored.....	.05	.20	.45	.80
1246—Golden Hubbard. Bright deep orange-yellow, fine-grained, cooks very dry, and of excellent flavor; prolific and a good keeper.....	.05	.20	.45	.80
1247—Chicago Warty Hubbard. Extra choice variety, delicate, sweet flesh; not so thick as the old Hubbard; good keeper.....	.05	.15	.45	.80

Turnip (Table)

	Pkt.	oz.	1/4 lb.	1/2 lb.	lb.
1335—Early Snowball (White Stone.) The earliest of all.....	.05	.10	.30	.55	
1336—Golden Ball. A very beautiful and bright yellow turnip of medium round size, and of universally sweet and delicious flavor. Flesh of golden yellow fine texture, firm.....	.05	.15	.30	.55	
1337—Extra Early Purple Top Milan. Flesh white, tender, smooth-grained and delicious. Shape is flat and smooth.....	.05	.15	.40	.70	
1338—Purple Top White Globe. High-class variety, early, good keeper.....	.05	.10	.30	.55	
1471—Swede Breadstone Green Top. White, solid and delicious in flavor. Specially suitable for table use.....			.15	.25	.40

LOCAL MERCHANTS SELL MCKENZIE'S SEEDS

We aim to co-operate with general merchants and make it as easy as possible for the seed buying public to purchase McKenzie's tested seeds.

To accomplish this McKenzie's Commission Seeds are on sale in practically every general store in western Canada.

McKenzie's Seeds have proven themselves to be

"Best by Test for the West"

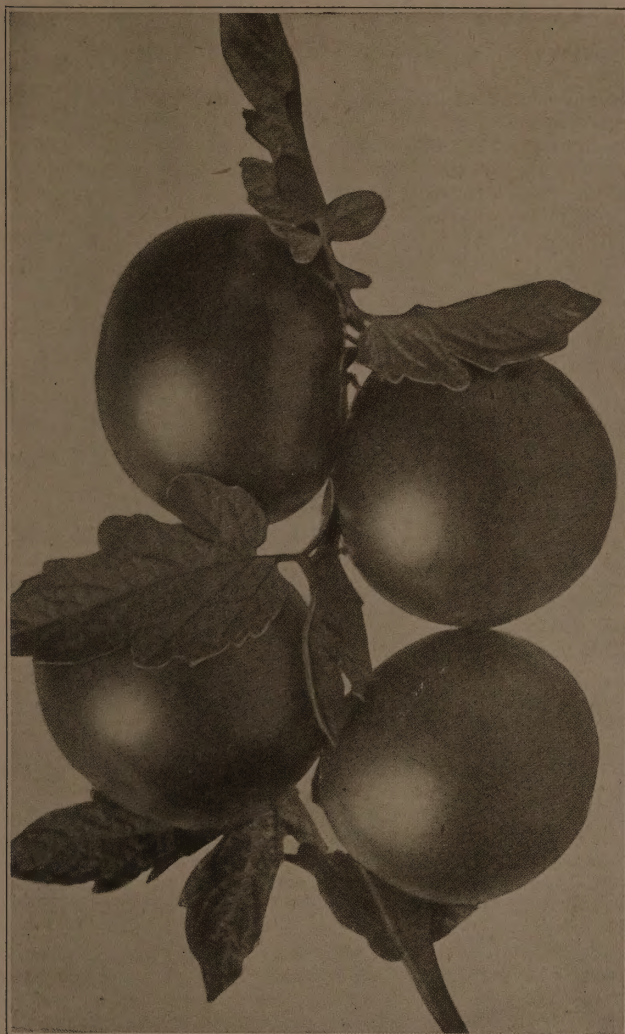
Mail your order on receipt of this Catalogue—we will attend to it promptly—They are GOOD SEEDS.

Photographed by A. E. McKenzie Co., Ltd



English Long White Vegetable Marrow.

Photograph by A. E. McKenzie Co., Ltd.



McKenzie's Alacrity Tomato

TOMATO

Alacrity

A Genuine Canadian Introduction

➡ SPECIAL

1306—Introduced for the first time last season and has given unbounded satisfaction, which encourages us to recommend it in preference to all others. It originated at the Central Experimental Station, Ottawa, where it was selected for earliness and superfine quality. We have made a leading specialty of growing only the choicest Tomato Seed for many years and after exhaustive tests concede this the leading position.

From the accompanying illustration, which is an actual photograph of fruits as grown, some idea may be formed of its quality. It also possesses the three great essentials which present themselves in selecting Tomatoes, viz.:

Earliness—Productiveness—Eating Quality

We predict that for early crops this variety will be planted almost exclusively in the future.

It is the Earliest, Large, Smooth, Heavy Yielding Red Tomato

Plants are very compact with fruits setting close to the centre. Good keeper. This excellent variety is a decided advance on the older sorts. Send your order early as the stock is limited.

Packet .10; 1/2 oz. .30; 1 oz. .50. Postpaid.

Try this Exceptionally Fine Selection

Sutherland, Sask., September 22, 1915.

I would like to say that the results obtained from the Alacrity Tomato Seed purchased from you last Spring were:

1—That compared with plants grown from other seed the above had three times the growth.

2—Growth was rapid.

3—Were tremendously prolific.

4—Bore fruit with an excellent flavor. Am more than satisfied with the seed, and with a better acquaintance next year with this seed I feel certain I will surpass this year's results a great deal.

(Signed) J. S. BROWN.

Chalk's Early Jewel

1299—One of the largest, smoothest, and best flavored early Red Tomatoes in cultivation. Almost as early as the Earliana and a much heavier cropper. Its large, handsome fruits are very solid, deep through, almost round, bright scarlet color; ripen right up to the stem without cracks or green core. The foliage is open, admitting lots of sun. ripening the fruit rapidly, evenly, thoroughly. Leaves dark green and inclined to curl. Flesh is thick, bright scarlet, solid; very few seeds; sweet flavor and thin skin.

For general garden planting we consider Chalk's Jewel one of the most desirable sorts grown. We strongly recommend every user of vegetable seeds to give this a trial. We only list varieties which we consider worthy of our customers' attention. No second rate stocks emanate from the McKenzie Institution.

Pkt. .05; 1/2 oz. .20; oz. .30; 1/4 lb. \$1.00. Postpaid.

The small fruited Tomatoes from your seed are doing exceptionally fine.

MRS. C. H. GODFREY,
Portage la Prairie.



Chalk's Early Jewel

Other Varieties

	Postpaid.		
	Pkt.	1/2 oz.	1 oz.
1302—Red Cherry. A small early variety, size and shape of a cherry.....	.05	.30	.50
1303—Yellow Plum-shaped. The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid and fleshy.....	.05	.30	.50
1304—Red Pear-shaped. A favorite for preserves; and also "tomato figs." Fruit is bright red, perfect pear shape, and rich flavor.....	.05	.30	.50
1305—Strawberry or Ground Cherry. Small yellow fruits, enclosed in a husk, very sweet flavored, and highly esteemed for preserves, pie and sauce.....	.05	.30	.50
TOMATO PLANTS—See Vegetable Roots and Plants, page 32.			
TOBACCO			
1325—Connecticut Seed Leaf. Usually considered the standard.....	.05		.30

Quality is the only thing worth while in respect to Seeds and McKenzie's Selected and Tested Strains are pre-eminent in their respective classes. Buy the best—McKenzie's.

If you cannot refer to what you want, consult index on page 3 of cover



Sparks Earliana.

Tomato—McKenzie's First of All

A Splendid Main Crop Variety

1298—McKenzie's First of All is unsurpassed in quality. Its production of fine, large fruits is enormous. The plants are compact in growth with short close jointed branches, setting fruits very freely. The Tomatoes are very uniform in size, of smooth regular form. Is a beautiful bright red which continues to the very core. Choice seed grown under most excellent conditions producing a selection second to none on the market. The most important features to consider when growing Tomatoes are, rapid growth and adaptability to climate. This variety, owing to its extreme earliness, fills the bill admirably and is undoubtedly one of the very best for the Prairie West.

Pkt. .10; 1/2 oz. .25 oz. .40; 1/4 lb. \$1.25. Postpaid.

Sparks' Earliana

A PARTICULARLY EARLY VARIETY OF SUPERB QUALITY.

1300—There seems to be no geographical limitation for this splendid Tomato. It accepts soils and weather conditions even to some very remote northerly points.

Its solidity and fine quality are equal to most every type grown.

Plants are very compact, with stout jointed branches, and the vines yield enormously. Fruits set close to the centre of the plant; thus exposed, the sun readily ripens them. Uniform, smooth and attractively shaped. Very bright red. Very free from seeds and cavities. Its delicious quality and flavor are its crowning merits. Is an especially good keeper. (See illustration).

Pkt. .05; 1/2 oz. .20; oz. .35; 1/4 lb. \$1.10. Postpaid.

Early Atlantic or Ruby

1301—An extremely early Tomato that is exceptionally productive naturally must be a strong, robust type.

Early Ruby is unquestionably the great open air Tomato for producing big crops. Aside from this it is one of the very few Extremely Early varieties that do well in the West.

One of the handsomest Tomatoes on the market combining all the essentials needed to make a variety popular in Western Canada by its extreme earliness, and the capacity of producing clusters of smooth, round, bright red fruits devoid of blemishes and possessing a flavor unexcelled for quality. Flesh solid, unmatched in texture and with no hard core. The vines are of strong, vigorous growth, close jointed and as the blossoms set freely the plants are capable of producing very heavy crops of well formed fruits of immense size, suitable for slicing.

As the vines are not over-burdened with foliage and the individual leaves are small, the fruits are quickly exposed to the beneficial influences of the sun which naturally assists evenness and earliness of maturity. This is undoubtedly a grand variety for the private grower or market gardener, as it embraces all the essential features which are absolutely necessary for a Tomato to possess if Tomatoes are to be a successful and profitable crop. (See illustration.)

Pkt. .05; 1/2 oz. .20; oz. .30; 1/4 lb. \$1.00. Postpaid.

Sweet, Medicinal and Pot Herbs

A CORNER OF EVERY GARDEN should be allocated to the growing of a supply of Pot-herbs which are so essential for domestic use. They can be gathered for flavoring purposes during the summer months; or the young stems and leaves can be cut on a dry day, tied in bunches and dried in a cool place for use during the winter months—Pack closely in bottles to exclude air.

		Postpaid.	
		Pkt.	oz.
1357—Anise. Seeds aromatic and carminative.....		.05	.25
1358—Balm. For making balm tea.....		.05	.30
1359—Borage. Leaves used as a salad and for flavoring; flowers excellent for bees.....		.05	.35
1360—Caraway. Seeds are used for flavoring bread, pastries and meats.....		.05	.15
1361—Catnip or Catmint. Grown for bee pasture. Used for seasoning.....		.05	.75
1362—Dill. Leaves are used in pickles, and for flavoring soups and sauces.....		.05	.25
1363—Fennel Sweet. The leaves boiled are used in sauces.....		.05	.25
1364—Horehound. The leaves are used for flavoring and the manufacture of cough medicine.....		.05	.35
1365—Hyssop. The tops and flowers are used for tea.....		.05	.35
1366—Lavender. Used for perfumery.....		.05	.60
1367—Pot Marigold. The dried flowers are used for seasoning soups.....		.05	.30
1368—Rosemary. Aromatic leaves used for seasoning.....		.05	.60
1369—Rue. For medicinal purposes; good for fowls for the croup....		.05	.35
		Pkt.	oz. 1/4 lb.
1370—Sage. Leaves and tops used for seasoning and stuffing.....		.05	.20 .50
1371—Summer Savory. The leaves and young shoots are used for flavoring.....		.05	.20 .50

		Postpaid.		
		Pkt.	oz.	1/4 lb.
1372—Sweet Marjoram. Leaves and ends of young shoots are used for flavoring in summer and also dried for winter use.....		.05	.20	.50
1373—Thyme. Used for seasoning.....		.05	.60	1.75
1374—Wormwood. Beneficial for poultry, should be planted in poultry yards.....		.05	.35	

Roots

		Postpaid	
		Doz.	100.
Asparagus Roots.....		1.00	5.00
Horse Radish Roots.....		1.10	5.00
Rhubarb, Roots.....		.50	2.50

Vegetable Plants

		Postpaid	
		.30	1.25
Cabbage, best varieties, early.....		.25	.75
Cabbage, best varieties, late.....		.45	1.75
Cauliflower, best varieties.....		.45	1.75
Celery, best varieties.....		.45	1.75
Tomato, best varieties.....		.45	1.75

We mail free with each order a leaflet giving full Cultural Directions.

TREE, SHRUB AND FRUIT SEEDS



MAKE THE HOME BEAUTIFUL

■ IT SEEMS REMARKABLE that there is not a greater demand for Seeds of Trees, Shrubs and Fruits in the Canadian West, especially as they can be so easily grown. There's hardly anything one can think of that will add so much natural beauty and give that desired "old world" appearance as a well-trimmed hedge and a few suitable shrubs, both of which are so easily produced from seed in a comparatively short time.

The list of seeds here given have been carefully harvested and are mostly native grown, which will give far more satisfaction than foreign grown seeds which are not acclimatized and unable to withstand the rigors of the Canadian West.

Elms and Birch are better sown as soon as the seed is ripe, for they are apt to lose their vitality quickly.

Orders for these will be booked for delivery in June.

BOX ELDER or MANITOBA MAPLE will yield about 2,500 plants from one pound of seed.

CARAGANA will yield about 2,750 plants from one pound of seed.

MANITOBA WHITE ASH will yield about 3,500 plants from one pound of seed.

LARCH, BALSAM, FIR, SPRUCE AND PINES, one pound of seed is sufficient for 100 square feet of surface.

Balsam Fir (*Abies balsamea*). An ornamental evergreen tree; very hardy. Sow seed in the spring in prepared beds and in rows 6 inches apart; cover with a light layer of sand and allow them to remain in the beds for two years before transplanting.

1400—Pkt. .10; oz. .30; ¼ lb. .95

½ lb. \$1.75; lb. \$3.25.

Barberry, Common (*Berberis vulgaris*). Useful for hedges and shrubberies. Very attractive. Seed should be sown as soon as ripe in light, sandy soil. Thin out the seedlings when large enough and transplant following spring.

1401—Pkt. .10; oz. .25; ¼ lb. .80; ½ lb. \$1.40; lb. \$2.55.

Barberry, Purple-Leaved (*Berberis atropurpurea*). Has rich, purplish-red leaves. Culture same as preceding.

1402—Pkt. .10; oz. .35; ¼ lb. \$1.25; ½ lb. \$2.25; lb. \$4.00.

Box Elder or Manitoba Soft Maple (*Acer negundo*). When not too crowded will form beautiful groups in the garden. Requires a somewhat sheltered position. Easily raised from seed sown in spring or fall.

1403—Pkt. .10; oz. .25; ¼ lb. .65; ½ lb. \$1.15; lb. \$2.00.

Buckthorn (*Rhamnus Frangula*). Sometimes referred to as the **Berry-bearing Alder**. Suitable for hedges and will thrive in any good garden soil. Seed may be sown as soon as ripe or in spring in cold frames.

1404—Pkt. .10; oz. .25; ¼ lb. .70; ½ lb. \$1.30; lb. \$2.50.

Caragana. See **Siberian Pea**.

Cottonwood (*Populus deltoides*). Recommended particularly for the Canadian West on account of its rapid growth. Is very ornamental and attractive when planted in rows or avenues. Thrives on most soils.

1405—Pkt. .10; oz. .25; ¼ lb. .75; ½ lb. \$1.40; lb. \$2.55.

Dogwood (*Cornus stolonifera*). Very ornamental, flowers white followed by white berries. Prefers moist situation. Sow seed in fall, pricking out seedlings in the following spring.

1406—Pkt. .10; oz. .20; ¼ lb. .50; ½ lb. .80; lb. \$1.50.

Ginnalian Maple (*Acer tataricum*). Very ornamental. Same cultural directions as for Box Elder.

1407—Pkt. .10; oz. .25; ¼ lb. .75; ½ lb. \$1.40; 1 lb. \$2.55.

Larch or Tamarack (*Larix Laracina*). Sow seed early in spring in prepared beds and cover lightly with soil. Rows should be drawn 6 inches apart and seedlings allowed to remain undisturbed for two years before transplanting.

1408—Pkt. .10.

Green Ash (*Fraxinus veridis*). Seed should be sown in the spring in beds of good sandy loam and allowed to remain two seasons before transplanting in rows 6 inches apart, placing the seedlings 18 inches asunder in the rows.

1410—Pkt. .10; oz. .15; ¼ lb. .50; ½ lb. .90; lb. \$1.65.

Lilac (*Syringa vulgaris*). Very attractive and early flowering. Thrives in almost any soil.

1409—Pkt. .10; oz. .25; ¼ lb. .85; ½ lb. \$1.60; lb. \$3.00.

Manitoba Native Plum (*Prunus niger*). Sow seed as soon as ripe in a sheltered position. Thrives in any good garden soil. Very attractive and suitable for shrubberies, avenues, etc.

1411—Pkt. .10; oz. .25; ¼ lb. .85; ½ lb. \$1.60; lb. \$3.00.

Manitoba White Ash (*Fraxinus Americana*). Easily distinguished by the lighter, brownish-grey bark and pale green leaves. Same culture as Green Ash.

1412—Pkt. .10; oz. .25; ¼ lb. .70; ½ lb. \$1.25; lb. \$2.25.

Manitoba White Elm (*Ulmus Americana*). Very ornamental, prefers a mellow, loamy soil. Seed should be sown as soon as ripe in the spring.

1413—Pkt. .10; oz. .25; ¼ lb. .85; ½ lb. \$1.50; lb. \$2.75.

Mountain Ash (*Sorbus Americana*). Flowers white, followed by large bunches of bright red berries. Very attractive and ornamental. Seed should be sown as soon as ripe in prepared beds in the open.

1414—Pkt. .10; oz. .35; ¼ lb. \$1.25; ½ lb. \$2.25; lb. \$4.00.

Russian Olive (*Elaeagnus angustifolia*). Sometimes referred to as the **Jerusalem Willow**. An ornamental shrub frequently covered with silvery scales. Sow seed in spring. Will succeed in any good garden soil.

1415—Pkt. .10; oz. .20; ¼ lb. .45; ½ lb. .85; lb. \$1.60.

Scotch Pine (*Pinus sylvestris*). Same culture as Balsam Fir.

1416—Pkt. .10; oz. .35; ¼ lb. \$1.25; ½ lb. \$2.25; 1 lb. \$4.00.

Siberian Pea Tree (*Caragana arborescens*). Suitable for hedges and shrubberies and will flourish on poor soils. Seed may be sown as soon as ripe or in early spring.

1417—Pkt. .10; oz. .25; ¼ lb. .65; ½ lb. \$1.15; lb. \$2.00.

Spruce Black (*Picea nigra*). Suitable for pleasure grounds, parks, etc., and adapted for dry rocky soils. For sowing see Balsam Fir.

1418—Pkt. .10; oz. \$1.00.

Spruce Norway (*Picea excelsa*). A very attractive species suitable for parks and pleasure grounds. For sowing see Balsam Fir.

1419—Pkt. .10; oz. .35; ¼ lb. \$1.25; ½ lb. \$2.25; lb. \$4.25.

Spruce White (*Picea alba*). Of attractive appearance, suitable for parks, pleasure grounds, etc. For sowing see Balsam Fir.

1420—Pkt. .10; oz. .55; ¼ lb. \$2.00; ½ lb. \$3.75; lb. \$7.00.

Tartarian Honeysuckle (*Lonicera tartarica*). Flowers pink to red and white. Fruits red. Sow seed in spring in cold frame and transplant when large enough in rich light loamy soil. Red or white.

1421—Pkt. .10; oz. .25; ¼ lb. .85; ½ lb. \$1.60; lb. \$3.00.

White Birch (*Betula alba*). Trees are decidedly graceful and attractive. Sow seed in spring in beds of sandy loam and transplant following year.

1422—Pkt. .10; oz. .20; ¼ lb. .50; ½ lb. .95; lb. \$1.75.

Cottonwood

Seed in all cases should be sown in drills in prepared beds and in a sheltered position, giving as much shade as possible and protection during the winter, for besides keeping the soil moist it lessens the possibility of freezing. Do not sow the seeds too thickly in the rows, which should be in all cases 6 inches apart. Seedlings can advantageously be left in the soil for two years before transplanting.



To Raise the Standard of Quality higher, to perfect and improve year by year is our constant endeavor.

**Pedigreed
and
Selected
Strains
most
Suitable
for the
West**

SPECIAL CASH DISCOUNT

on postpaid prices see page 4

THE FEEDING AND CROPPING PROPERTIES of McKenzie's Root Seeds are now universally admitted throughout the Canadian West and the reason for this is explained in the one word "Selection". No seed will give satisfactory results to the Farmer unless it is carefully selected at the proper period of its growth and this will assuredly become better known and appreciated as the Country progresses. What will undoubtedly become an absolute fact as time goes on might profitably be applied now. In a word, we advise Farmers to have nothing to do with seeds of Mangel, Sugar Beet and Swede Turnip that have not been selected with that care necessary to success. McKenzie's Seeds are the result of extra special care in selection and will give every satisfaction—They are no dearer than ordinary stocks. **TRY THEM.**

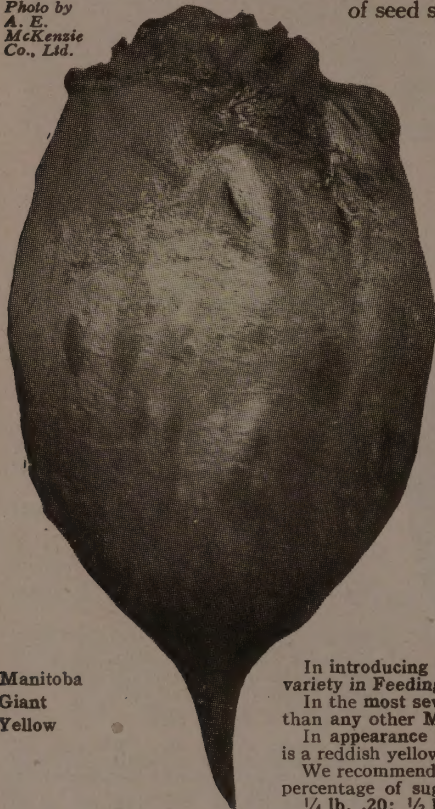
So valuable is the feeding nutritiveness of Field Roots for Stock Feed that many Governments, recognizing its exceptional economic usefulness, are spending fabulous sums yearly improving the various well known strains.

The dry matter or nutriment of Field Roots average from 10 to 14 per cent of their total weight. Thus it will be seen that on an acreage as low as even 25 tons it is equal to 50 or 60 bushels of grain.

SUGAR BEET AND MANGEL.

Our Beet and Mangel seed is selected from laboratory tests for high sugar protein, selected from repeated trial tests for vigor and trueness to type. Our Mangels and Sugar Beets now have wide and certain reputation for producing roots of a higher sugar percentage than ordinary types. Our Carrot Seed is hand rubbed and carefully selected from true to type roots. We caution growers to beware of seed saved from ordinary grown field roots.

Photo by
A. E.
McKenzie
Co., Ltd.



SWEDE TURNIP.

Our Turnip seed selected to produce short necks, small tops, firm flesh, mild flavor, high feeding value, great productiveness, and long keeping qualities nearly approach the ideal as it is possible to develop.

TWO GREAT MANGELS **McKenzie's Manitoba Giant Yellow**

1442—Limitations of space will not permit our saying all we would like to proclaim the many virtues of this excellent selection. We must therefore let it suffice by stating emphatically that this Mangel, which is what is known as an intermediate type, is one of the heaviest croppers and largest grown. It grows from one to two-thirds above the surface, reaching large proportions in size. The skin is a rich golden yellow; flesh white, firm, and sweet in flavor, and esteemed highly for its feeding qualities. As the photograph indicates it has an exceptionally fine, smooth, round shape that renders the harvesting a comparatively easy matter. Its great value lies in its high percentage of saccharine matter, consequently as a fattening food for stock it is unequalled.

Ranks high in saccharine substance which combined with its heavy yields has given it a prominence out-ranking most other types. (See illustration) 1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

McKenzie's Peerless **OF VERY HIGH FEEDING VALUE**

1440—To increase the feed supply and reduce the acreage is the doctrine of the newer agriculture.

In heavy crop yield it is a wonder, yielding from 30 to 40 tons per acre on well prepared land.

It has produced surprisingly heavy yields.

In introducing "McKENZIE'S PEERLESS" we have a new mangel that positively "Excels any other variety in Feeding Value" and is not surpassed by any in yield.

In the most severe Laboratory tests the PEERLESS has produced more sugary or dry feeding matter than any other Mangel grown.

In appearance it resembles somewhat the Yellow Intermediate, roots are long, tapering gradually, skin is a reddish yellow. Grows well above the ground and is easily harvested.

We recommend, however, growing the roots fairly close in the rows, as the smaller roots contain a higher percentage of sugar matter and the close planting increases the yield.

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.

McKenzie's Peerless.



For quantities of seed to sow per acre see inside back cover

Manitoba
Giant
Yellow

MANGEL

McKenzie's Eclipse A New Introduction of Great Merit.

1441—Every year brings new varieties; but whether they are of that desirable quality as to be worthy of the attention of the practical farmer is a question open to considerable doubt. Enough has been said by us on the subject of selection of stock to warn the intending buyer to exercise care in placing his order. In conformity with the McKenzie policy no seeds are offered in this catalogue without first passing most rigid tests as to trueness to type and suitability to our Western climatic conditions. These remarks apply particularly to all kinds of Root seeds. In McKenzie's Eclipse we have one of the most improved types that has been introduced for many years.

The exceptional quality of the flesh so highly charged with saccharine entitles it to all the praise that can be centred upon it, and it is essentially a Dairymen's mangel.

The roots are of a deep orange color similar in tint to the Golden Tankard Mangel but of a more uniform and plump shape. Its even thickness throughout illustrates its modified absence of waste and large yielding characteristics.

Another remarkable feature is the very small tops which permit of much closer planting than is general among mangels.

As indicated by its shape, it is an exceptionally easy variety to harvest.

Every farmer who grows roots owes it to himself to include a trial order of this variety.

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.



McKenzie's Eclipse Mangel

Yellow Intermediate or Gate Post

A Magnificent Quality Mangel

1445—We urge farmers for their own enlightenment to experiment with this variety for themselves. We firmly believe that every farmer who gives "Yellow Intermediate" a trial will, to a man, retain it year after year, convinced that it is a grand mangel in every sense of the word.

Synonymous with its name it resembles in shape and size a "post".

The merits of this mangel are many. 1st—It is an exceptionally heavy cropper. 2nd—Large size. 3rd—Easily harvested (as it grows about one-half out of the soil.) 4th—Very rich in saccharine. 5th—Highly relished by all kinds of stock. 6th—Has a luscious sweet flavor. 7th—Very firm and solid. 8th—Fine keeper. 9th—Fine appearance. 10th—Seed specially selected. 11th—Seed highly developed. 12th—Best for the West.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

Danish Red Giant Eckendorf

A New Heavy Cropping Variety

1449—We are offering this for the first time, as we have been particularly well pleased with our trials during the past season. Its yield is enormous and one farmer produced a crop yielding over 58 tons per acre. It is of cylindrical form and grows well above the surface of the ground. Highly recommended.

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.

McKenzie's Selected Golden Tankard

1444—This Mangel possesses the highest feeding properties. The color of the rind is a deep reddish orange and the flesh is yellow. It does not grow as large as the Yellow Globes but heavy crops can be raised as the roots may be grown closer together than the globe shaped varieties. Very rich in saccharine it has no rival for feeding value.

Stock thrive rapidly and prefer the Golden Tankard. The roots are tankard shape, of a handsome uniform type and mature early for feeding and are usually devoid of side shoots or fangs.

The Crop is easily harvested at a very small cost and when stored under favorable conditions will remain in excellent shape for a long period.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

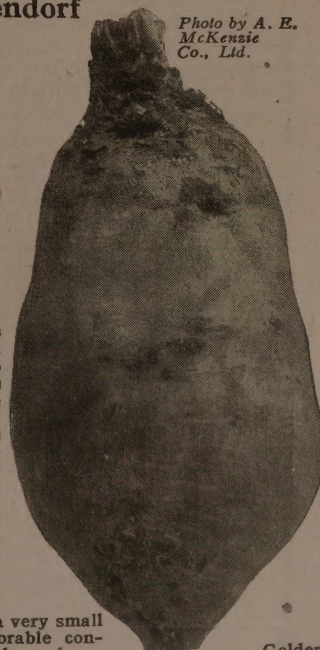


Photo by A. E. McKenzie Co., Ltd.

Golden Tankard Mangel McKenzie's Selected



Yellow Intermediate or Gate Post Mangel

McKenzie's Selected Prizetaker Yellow Globe

EVERY MANGEL GROWER SHOULD GIVE IT A TRIAL.

1448—It is rarely that a mangel combines all the salient features from a scientific agriculturist's point of view as does the Prizetaker. McKenzie's Selected Prizetaker Yellow Globe Mangel has all the essentials in a very pronounced form which will make it a very popular sort with dairymen who estimate quality at its intrinsic value.

This strain has been selected by careful breeding and the type is fixed, producing very large globular roots of symmetrical form, and of great depth with a single tap root, thus ensuring practically no waste. Does not bury itself in the soil and is easily pulled, thus saving much labor when lifting. The roots are very smooth, with very small tops.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .50. Postpaid.

McKenzie's Giant Yellow Globe

VERY FINE APPEARANCE.

VERY HEAVY YIELDER.

1447—Nothing short of actual knowledge of this fine variety will convey an adequate idea of its great value, whether considered for its high percentage of sugar, fine appearance, immense size, productiveness, ease of cultivation or harvesting.

These Mangels are models of perfection, growing uniformly, and cylindrical in shape, veritable tubes of gold, as the skin is an attractive golden yellow. The flesh is fine-grained, nutritious and highly relished by stock.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

McKenzie's Giant Long Red UNQUESTIONABLY A ROOT OF EXCEPTIONAL MERIT.

1443—The universal expression is, combining its wide range of usefulness and adaptability with its enormous yielding and high nutritive qualities. The roots are very large, uniformly straight and well formed. Color, deep red, roots solid, tops small.

In the selection of this variety the qualities sought have been the greatest weight with absence of superabundant top and roots and the stock offered can be recommended as possessing these qualities in an eminent degree.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

Photo by A. E.
McKenzie Co., Ltd.

Western
Canada's
Great
Swede



McKenzie's
North
Western

Special
Cash Dis-
count on
Orders for 4
lbs. or more

See Page 4

SWEDE TURNIP (Rutabaga)

Every Farmer should grow Swede Turnips if he desires to secure best feeding results. They afford that change of diet so essential to all stock and, in our opinion, should never be omitted from the ration. The varieties offered below are such as will bring the best returns as they have been specially selected for the purpose. There are many other sorts in use; but we firmly believe these listed will meet the requirements of all our farmer friends. Turnips have a flavor so distinct from Mangels, Carrots and Beets, as to render their use practically a necessity. Sow 2 to 3 lbs. per acre. We would like to see root crops more generally grown in Western Canada, for we are confident they have only to be better known to be more fully appreciated.

McKenzie's North Western

AS GOOD AS EVER STILL THE LEADING PURPLE TOP VARIETY

1468—After many years careful selection we placed this fine stock on the market when it immediately jumped into popularity and it has retained its prominent position from the day of its introduction. The secret of its exceptionally fine quality is explained in the one word **selection** and it combines all the important virtues necessary for complete satisfaction to the user, viz — (1) Short Neck, (2) Short Top, (3) Very Firm, (4) Rich and Sweet Flavor, (5) Very Productive, (6) Long Keeping, (7) Of High Feeding Value.

The accompanying illustration hardly does justice to this excellent variety, and we strongly recommend all to give it a place in their order for Turnips. It can also be used for the table as its cooking qualities are excellent. (See illustration).

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.

Bangholm—McKenzie's Selected

1470—This grand old favorite is still to the fore and deservedly so. There is nothing in commerce to beat it. One of the leading standard varieties of exceptional merit.

It is a variety that has been for years and is to-day one of the old reliable favorites with stockmen. It has behind it a history of big crops. Year in, year out, wet or dry, it has demonstrated a peculiar fitness as a general crop Swede.

Very large in size yet almost free from side roots. Skin is yellow with purple top. Flesh is a nice, yellowish color, fine in texture, firm, solid, and mild in flavor. Like most varieties, it is not only valuable for stock feeding but is excellent for table use. (See illustration).

1/4 lb. .20; 1/2 lb. .30; 1 lb. .50. Postpaid.

IMPERIAL ONE OF THE BEST KNOWN SWEDES.

1469—Prominent enthusiasts of farm economy, invariably mention Imperial as the Swede Turnip to include in the root crop.

It is highly prized for its enormous yield; this is especially true throughout the West where Swedes succeed so well. The quality is exceptionally fine and sugary, intensely fattening and nourishing; relished by stock. Fine-grained, solid, flesh yellow, mild flavor and an excellent keeper. Its round shape and exposed growing habit render the harvesting very easy. Its table quality is the highest.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45 Postpaid.

My success with Giant Long Red Mangel was a "giant success."
MRS. MIKE TIEFENBACH, Lakenheath, Sask.

He who knows not and knows not
he knows not: he is a fool, shun him.

He who knows not and knows he
knows not: he is simple, teach him.

He who knows and knows not he
knows: he is asleep, wake him.

He who knows, and KNOWS he
knows: he is wise, follow him.
(Arab Proverb.)

We KNOW the Seed business—
based on over twenty years' experience
in the West.

Our Turnip Seeds are all highly selected

I hereby take
much pleasure
in acknowledg-
ing receipt of
the \$5.00 prize
for collection at
Elfros Fair. It
is a pleasure to me to use
your seeds as well as to win
some of the prizes you offer.
DR. R. M. CUMBERLAND,
Elfros, Sask.

Aug. 17, '15.

My success with
your Manitoba
Giant Yellow Man-
gel is so good
that I consider
it positively the
best for this dis-
trict.
LUDOLF
RATHGEBER,
Grayson,
Sask.

Bangholm
Swede

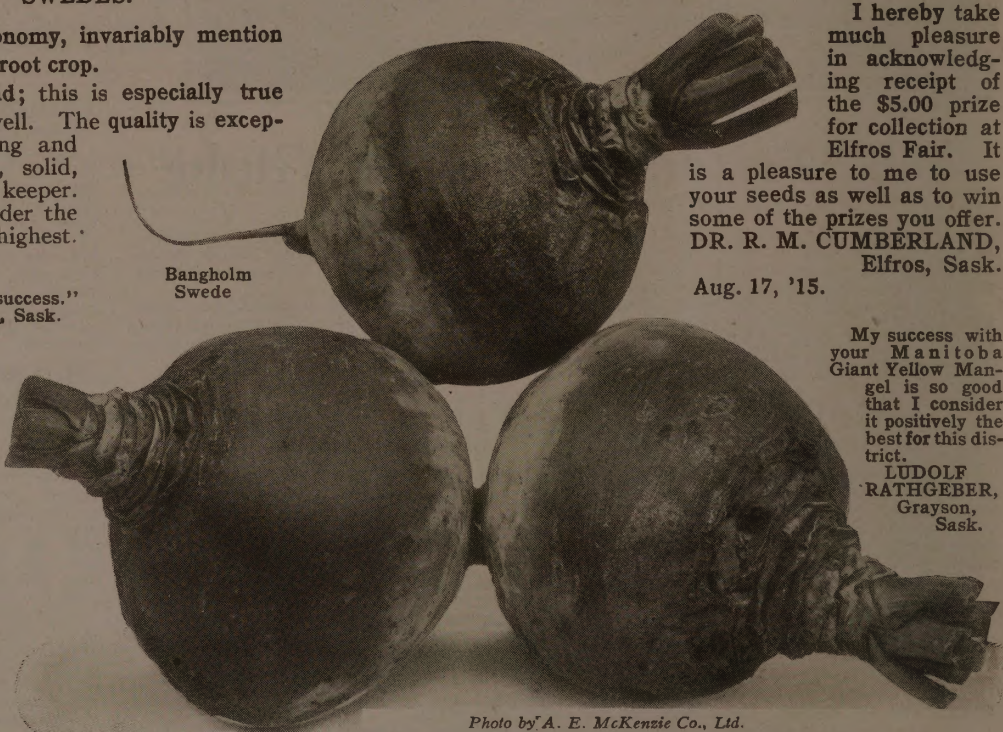


Photo by A. E. McKenzie Co., Ltd.

This page quotes three of the most valuable roots for your farm

McKenzie's Superlative

The Dairymen's Favorite.

1472—Specially and closely selected to yield heavily. It is really an enormous cropper. One of the most hardy and disease resisting sorts in cultivation. Grows freely in all kinds of soils. Of mild flavor, firm flesh and robust growing habit. Very rich in sugar and a long keeper.

Of the purple top variety it has much the same habit of growth but more oval in shape than McKenzie's Northwestern.

In color it is a rich yellow with the genuine Rutabaga flesh.

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.

The Seeds I got from you were very satisfactory and seem to be the best for growing in Saskatchewan.
Mrs. M. M. KIRK, Hazenmore, Sask.



McKenzie's Superlative Swede.

Universal

A Meritorious Swede Turnip of the Highest Quality.

1473—The partiality shown for this Swede has undoubtedly been won on sheer merit and it has become so popular that its name (happily chosen) is likely to be fully realized and maintained.

In some districts this excellent variety is known as Canadian Gem or Century.

Its chief merits are:—

- (1) Ability to withstand extremes of temperature.
- (2) Great resistant powers against mildew.
- (3) Produces heavy crops of large, clean, shapely roots of uniform size.
- (4) Excellent feeding quality.
- (5) Easily harvested.
- (6) Highly relished by stock, particularly by Hogs, Sheep and Cattle.

Altogether an excellent and serviceable variety.

1/4 lb. .20; 1/2 lb. .30; 1 lb. .55. Postpaid.

OTHER VARIETIES

- 1474—Elephant, Jumbo or Monarch. Oval-shaped roots, small neck, purplish-red above ground and yellow below. Heavy yielder, good keeper. Very high quality.
- 1475—Hall's Westbury. Genuine stock, quite distinct and hard to excel.
- 1476—Kangaroo. Bronze-green top; shaped like Elephant. Very heavy yielder, and good quality, we highly recommend it for the prairie.
- 1477—Hartley's Bronze-Top. A fine variety; quite distinct; rich quality and very productive; stands high in tests.
- 1478—Hazard's Green-Top. A splendid Swede; quality so fine that it is much used for table purposes.
- 1480—White Swede. White flesh; good for table use.
- 1481—Champion. An improved stock of purple top. In great demand.
- 1482—Skirving's Purple Top. An old standard variety.

1/4 lb.	Postpaid 1/2 lb.	1 lb.
.15	.25	.45
.20	.30	.50
.20	.30	.55
.15	.25	.45
.20	.30	.50
.20	.30	.55
.15	.25	.45
.20	.30	.50

FALL TURNIP

The advantages accruing from growing Turnips for feeding stock in fall and winter are not fully appreciated. They are much relished by all kinds of stock. We strongly recommend Farmers to increase their sowings, as we are sure the crop will prove remunerative for feeding stock of all kinds and in addition valuable for table use when the roots are small. Fall Turnips develop twice as rapidly as Swedes. They are milder in flavor. Nothing better in the world to turn hogs, cattle and sheep into. Being softer, however, than Swedes, they are not recommended for keeping until late winter feeding.

Purple Top Yellow Aberdeen A Scottish Introduction of Great Merit.

1499—A round, medium-sized, long keeping, late maturing, yellow fleshed turnip, with yellow roots and purple top. Very tender and sweet. It is hardy, productive and valuable for all kinds of stock. As it takes longer to mature than the white fleshed types the seed should be sown ten to fourteen days earlier than most sorts. Highly recommended.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

Purple Top Mammoth Altogether a Superior Variety. An English Favorite.

1498—Produces a greater weight per acre in a given time than any other white turnip. A reliable cropper, valuable for fall feeding.

The roots are of a large globular shape, white skin with purple top. The foliage is heavy and cut. Flesh white, firm texture, mild flavor, sweet and superb quality. Matures quickly and suitable for late sowings.

1/4 lb. .15; 1/2 lb. .25; 1 lb. .45. Postpaid.

OTHER VARIETIES

- 1500—Yellow Aberdeen Green-Top. Differs from the purple-top in color only.
- 1501—Selected White Globe. Grows large in rich soils.
- 1502—Cownhorn or White Tankard. Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid growth, good yielder and well flavored.

1/4 lb	Postpaid 1/2 lb.	1 lb.
.15	.25	.45
.15	.25	.45
.20	.30	.50

Our Turnip Stocks are all highly selected

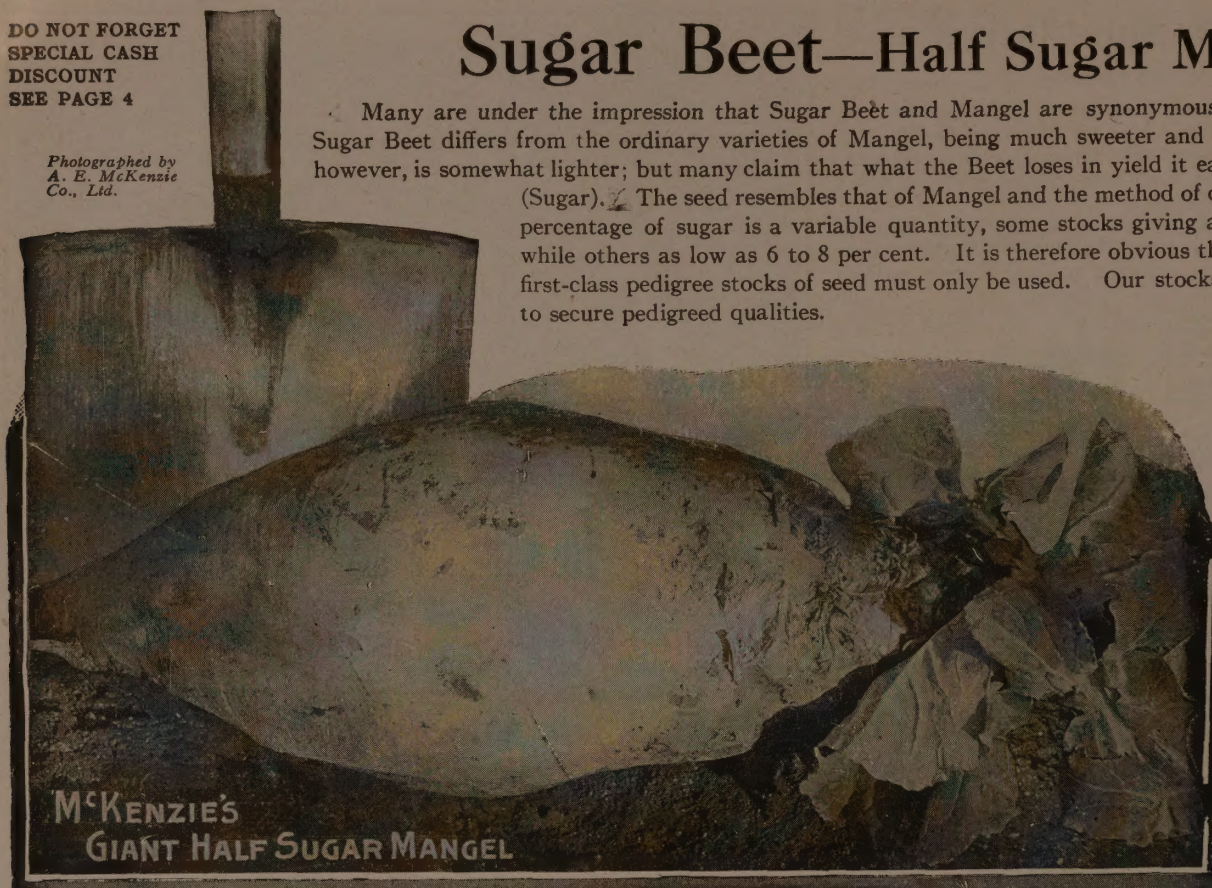
SPECIAL CASH DISCOUNT
See page 4 for special discount on postpaid prices



Brandon Fireproof Warehouse, 8 floors 60 x 120. Largest Seed Warehouse in Western Canada.

DO NOT FORGET
SPECIAL CASH
DISCOUNT
SEE PAGE 4

Photographed by
A. E. McKenzie
Co., Ltd.



Your McKenzie's Giant Sugar Beet vastly exceeded all others in size and is the most wonderful beet I ever had.

Mrs. PETER SINCLAIR,
Kirkpatrick, Sask.



Beet cut showing sugary centre.

Sugar Beet—Half Sugar Mangel

Many are under the impression that Sugar Beet and Mangel are synonymous; but such is not the case. Sugar Beet differs from the ordinary varieties of Mangel, being much sweeter and more nutritious. The yield, however, is somewhat lighter; but many claim that what the Beet loses in yield it easily makes up in Saccharine (Sugar). The seed resembles that of Mangel and the method of cultivation is the same. The percentage of sugar is a variable quantity, some stocks giving as high as 16 to 20 per cent, while others as low as 6 to 8 per cent. It is therefore obvious that to obtain the best results first-class pedigree stocks of seed must only be used. Our stocks have been carefully grown to secure pedigreed qualities.

The Monarch Sugar Beets and Giant Yellow Mangels are fine.

HUGH MILLER,
Biggar, Sask.

Your Giant Half-Sugar Mangel are the largest I ever raised.

G. A. NEWSHAM,
Borden, Sask.

It gives me great pleasure in writing to say the seeds you supplied me this spring have germinated a bumper crop.

Mrs. J. G. MORRICE,
Tilston, Man.

Your Extra Early Beet has grown very luxuriant and large.

Mrs. E. C. HALLMAN
Acadia Valley, Alta.

McKenzie's Monarch (Remarkably Productive)

1430—In order to obtain the highest percentage of sugar it is imperative that a first-class pedigree stock of seed be sown. Monarch supplies this need.

Its preponderance of sugar alone makes it a very valuable acquisition, as its sweet lusciousness is relished immensely by stock. Owing to its immense size it produces an enormous yield, while its freedom from tap roots aided by its projecting habit of growth renders harvesting very easy. It differs from other varieties in appearance, as the upper portion is green, shading down to white at the bottom. The flesh is white, fine-grained, solid, tender and extremely sweet.

We particularly call attention to its soil and climatic adaptability, as it will thrive under extreme adverse conditions and produce abundantly on most any soil. $\frac{1}{4}$ lb. .20; $\frac{1}{2}$ lb. .30; 1 lb. .50. Postpaid.

McKenzie's Giant (Highly Nutritious)

1429—One of the largest and most productive Sugar Beets that can be grown. We strongly recommend this as a particularly fine stock feeding Sugar Beet of exceptionally high nutritive value and it is grown almost exclusively for this purpose.

The upper portion is of soft, bright pink, shading lighter towards the bottom, which is white. The flesh is white, firm, crisp and sweet. Recommended to Dairy-men in particular, as it is very much more nutritious than Mangel and yields almost as much.

One of the most satisfactory kinds to grow on account of its adaptability to the West. $\frac{1}{4}$ lb. .20; $\frac{1}{2}$ lb. .30; 1 lb. .50. Postpaid.

Danish Improved

Deserving of More General Culture.

1431—This selection has gained rapidly in popularity during the past few years and it only needs to be still more generally grown for its merit to be more appreciated.

Considered by many eminent authorities to be one of the best selections of the Sugar Beet family and laboratory tests show that it possesses a very high percentage of sugar making it invaluable for stock feeding. The sugar Beet industry in Denmark is a very important one and much appreciated assistance and encouragement has been given by the Danish Government to well known Seed Specialists in order to stimulate and increase the interest in this very valuable stock feeding root.

The roots of McKenzie's Danish Improved are of thick oval form tapering very gradually. Pink in color with white tip. A heavy cropper and in all points a very desirable selection to grow. $\frac{1}{4}$ lb. .20; $\frac{1}{2}$ lb. .30; 1 lb. .45. Postpaid.

1432—Klein Wanzleben. Not for stock feeding, but for the manufacture of sugar. Grows well in the ground. $\frac{1}{4}$ lb. .20; $\frac{1}{2}$ lb. .30; 1 lb. .55. Postpaid.

I am pleased to advise you that I was successful in securing:

Class 1 Best bushel grown on vacant lot garden—First.

Class 2 Packing and Grading contest—Fourth.

Class 3 Quality contest, Best Bus. White Potatoes—Fourth.

Class 6 Best collection six varieties—First.

Class 8 All Round variety best $\frac{1}{2}$ bushel—Third.

You will be pleased to note that I secured the seed stock for these Potatoes from your firm and have been extra well pleased with the results obtained from all varieties I secured from you this Spring.

I might add, however, that I consider the Wee MacGregor the best Potato both for yield, quality and keeping purposes. The Gold Coin has also proven to be a good potato with me.

I might add that it was with the Wee MacGregor variety that I was successful in winning the prize for the Crop and Quality Contest.

WM. STARK,
238-29th Ave. E.,
Oct. 23-15. Calgary, Alta.

CARROT

FOR STOCK FEED

It has long been recognized that all kinds of Stock are extremely sensitive to a change of diet and in order to obtain the best results it is absolutely essential that a variety of food be given.

Carrots form one of the best articles of food for stock and are highly relished by all. The feeding value runs very high, being directly proportionate to the dry matter protein which, pound for pound, is equal to any grain and in many cases exceeds it.

Scientific analysis reveals that the constituents of Carrots is 87% of water, about 1½% of albuminoids, nearly 7% of sugar and 2% of Carbohydrates. It is necessary to mention that Carrots are not good for very young animals, although they will if given the opportunity, eat them greedily. Carrots are principally given to horses. The quantity of seed required per acre is 8 lbs. Should be grown to give that change of diet which is necessary on every farm where stock is kept. McKenzie's Selections given below are up to their high standard of quality viz., the best.

BEFORE MAILING your order make sure you take advantage of our Special Cash Discount as per particulars on page 4. We want to help you buy your seeds on the most advantageous terms. Your interests are our interests and you cannot get better service anywhere than that offered to all buyers of McKENZIE'S SEEDS.

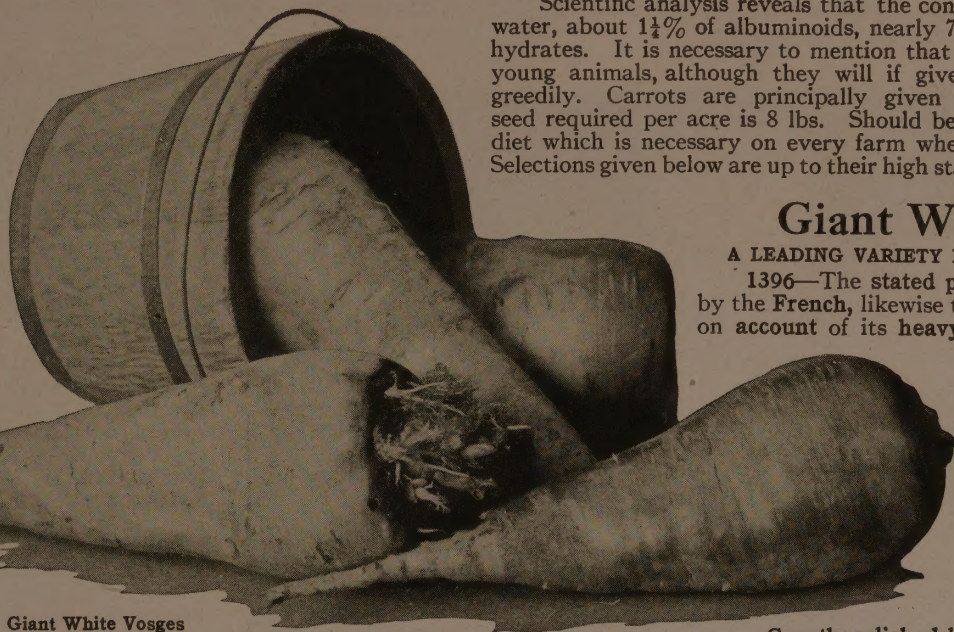


Photo by A. E. McKenzie Co., Ltd.

Giant White Vosges

Giant White Vosges

A LEADING VARIETY FOR GENERAL CULTIVATION

1396—The stated preference given White Vosges by the French, likewise their Eastern Canadian cousins on account of its heavy cropping record, is unquestionably the reason this carrot is so generally grown in the West to-day.

This, combined with its superlative feeding qualities makes it a leading variety for stock feeding purposes.

Similar to Mammoth in shape, smooth, white, crisp, very rich in protein. The roots are clean, well-shaped and solid. Is a fine keeper.

Greatly relished by all kinds of stock. We particularly ask our customers to give this variety a trial alongside of any other carrot and see its remarkable characteristics. (See illustration.) Oz. .15; ¼ lb. .35; ½ lb. .65; 1 lb. \$1.15. Postpaid.

McKenzie's Improved Short White

1394—The Leading Carrot for Stock. Every farmer who has given this variety a trial is enthusiastic in stating that it is one of the heaviest croppers grown and marked improvements in the condition of stock have been obvious in every instance where it has been used.

Aside from its feeding value for stock, which is the very highest, this splendid variety is the heaviest cropping Carrot grown. The roots are smooth, clean, and well shaped, short and very heavy at the shoulder, thus rendering them easy to harvest. Do not break in pulling and sorting. Are not inclined to be withery but sound and solid. It is an exceptionally good keeper; has great succulency and nutritiousness that make stock relish them immensely. The flesh is white, crisp, solid and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts.

Oz. .15; ¼ lb. .40; ½ lb. .70; 1 lb. \$1.25. Postpaid.

Long Red Surrey

1399—Many farmers prefer to sacrifice a trifle in yield and grow a yellow carrot on account of its better eating qualities.

While it is admitted that white carrots are the heaviest yielders, it is recognized that for eating purposes the orange carrots are used extensively.

Long Red, however is a yellow carrot developed to large size for stock feeding. It is a heavy yielder, fine length, thick crown, very little core, finely grained, handsome appearance, smooth, clean, no side roots, sweet, tender, crisp and mellow.

Oz. .15; ¼ lb. .35; ½ lb. .70; 1 lb. \$1.25. Postpaid.

Cooper's Yellow Intermediate

1395—A Very Large Rich Stock Carrot. This is generally considered to be one of the very best carrots for profitable culture and stock feeding. It is a type of remarkable productiveness; so much so, that the large size and yield are amazing. It is very juicy and sweet, fine uniform size, solid and well shaped, clean-rooted, fine appearance and orange in color. It is a vast improvement on the white and orange Belgian sorts which have been such favorites in the past, not only in productiveness and ease of harvesting, but in its high feeding properties.

Oz. .15; ¼ lb. .40; ½ lb. .75; 1 lb. \$1.40. Postpaid.

Long White Belgian

1397—As the name implies this variety has association with the "gallant little Belgians" who, amongst other good things, grew Field Carrots to perfection. White Belgian has long been their leading Carrot and is used exclusively for stock feeding. Smooth, blunt, heavy root of a sweet palatable appetizing flavor grows exposed fully one-third out of the ground, hence easily harvested. It is the largest carrot and produces the heaviest crops. Very free grower and thrives on all soils; but the feeding qualities are scarcely equal to that of the red sorts.

Oz. .15; ¼ lb. .35; ½ lb. .70; 1 lb. \$1.25. Postpaid.

Long Orange Belgian

1398—Similar to white Belgian in almost every way excepting color. A very large heavy cropping variety and good value and well worth growing for stock.

Oz. .15; ¼ lb. .40; ½ lb. .75; 1 lb. \$1.40. Postpaid.

Look Out

Whenever you are tempted to consider an offer of so-called "cheap" seeds, you are almost certain to get inferior quality and you cannot afford to trifle with your farm or garden. Besides, you are always up against the loss of labor, time and land involved by planting seeds of doubtful quality. Seasons will not wait for you to experiment with "cheap" seeds—better get the best, McKenzie's, and feel confident. Our seeds have been selected, grown and prepared to the highest point of perfection and are specially adapted to the Canadian West. **ORDER EARLY.**

Seeds which produce the heaviest crops of the highest feeding quality are the cheapest

SEED POTATOES—McKenzie's Selected Stocks

You will be proud to plant our Selected Stocks, which are up to the McKenzie Standard of excellence again this season and the prices are practically the same moderate prices as hitherto. Stick to tried and tested Stocks of Standard varieties which will under normal conditions give you satisfactory results. Under no circumstances will we offer any so-called "new" variety to our customers until it has been proved to possess some distinct advantages as compared with the older sorts. In purchasing your requirements from us you have the satisfaction of knowing you are getting the best obtainable.



Early Ohio

McKenzie's Selected Bovee

Highly Recommended.

1575—In competitive trials this well-known variety has proved its large yielding properties. It gives bumper crops, quite equal to any in the early section and is a general favorite with Market Gardeners. It is unquestionably one of the heaviest yielders of any of the very early varieties.

Pink Skin—White Flesh.

The compact habit of the vines and tubers in growth permits of planting six inches closer than most early sorts.

Oval Shape—Fine Even Size.

Of high table quality—floury and palatable.

1 lb. .25; 4 lbs. .75. Postpaid.
Peck (15 lbs.) .65; 1/2 bus. 1.00; bush. 1.85;
bag 2.70; 5 bush. for 8.75. Bags free.

IMPORTANT.—While we endeavor to anticipate our requirements by growing generous quantities of every variety, customers will appreciate that it is impossible to accurately foresee the demand for seed potatoes one year ahead. For this reason we respectfully request that a second (or even a third) choice be given when ordering. In the event of this not being done we will, if sold out of the variety ordered, substitute the nearest similar variety unless specific instructions to the contrary accompany the order, in which case money will be cheerfully refunded.

very smooth surface of soft pinkish color. Flesh is pure white, mealy and fine-grained; cooks dry and floury. Superb table quality. (See illustration.)

1 lb. .25; 4 lbs. .75. Postpaid. 1 peck (15 lbs.) .65; 1/2 bus. 1.00; 1 bus. 1.75; 1 bag 2.55; 5 bus. for 8.25. Bags free.

WRITE FOR SPECIAL PRICES ON CAR LOTS.



Bovee

First Early Varieties— Early Ohio

One of the Most Popular Early Potatoes Grown.

1573—Nothing stands still—advance or decline is the order of the day—Early Ohio certainly does not mean to do the latter judging by the rapid strides it has made in public favor since its introduction. Notwithstanding the tendency to hybridize and the introduction of new varieties this Sterling Stock holds its own most tenaciously. In fact, we believe it is generally admitted to be the earliest, handsomest and best potato of its type on the market. That it is in the front rank in the potato world is evidenced by the fact that it is the only variety listed in Stock Quotations.

The Early Ohio Potato is now so well known that it is not necessary to describe it at length. In our opinion it is deservedly the most popular and our sales exceed by far any other one sort. The vines grow erect, very easy to cultivate, mature early, do well on any soil suitable for potatoes. Tubers grow compact in the hill, are easily dug—nice large uniform size with

Prices on Potatoes are f.o.b. Brandon, except quantities listed postpaid

Photographed by A. E. McKenzie Co., Ltd.



Irish Cobbler

POTATOES—Continued

Irish Cobbler

Demand Has Always Exceeded the Supply

1572—As a week in midsummer frequently makes a difference of many dollars to the grower,—we recommend Irish Cobbler to those who grow for early market.

The cream-white color of Irish Cobbler, its earliness, large netted tubers, immense productiveness, even shape, uniform size, excellent cooking qualities, snowy white flesh and fine flavor have made Irish Cobbler one of the most popular potatoes in the Canadian West to-day.

The Central Experiment Station at Ottawa commend it very highly for general culture.

No praise is too high for Irish Cobbler as an early variety and for general table use.

The eyes are strong and well developed but very slightly dented.

1 lb. .25; 4 lbs. .70 postpaid; 1 peck (15 lbs.) .60; 1/2 bus. .90; 1 bus. \$1.65; bag \$2.40; 5 bus. \$7.75. Bags free.

Second Early and Main Crop Varieties

Jersey Royal

An Attractive, Fine Cooking Potato

Prices f.o.b. Brandon,
except quantities
listed postpaid.

1571—In "JERSEY ROYAL" we have an importation direct from the Channel Islands, the great "Early Potato District" of England.

Our seed removed from the Parent stock several seasons, is a Revitalized Pure Bred Pedigreed Manitoba grown stock, much stronger in vitality and productiveness. Acclimatization has produced a potato considerably earlier than the original seed grown in its native home where millions and millions of bushels are exported to supply the heavy demands for an Extra Early Potato.

Aside from its earliness and productiveness, we have yet to see a potato that excels it in beautiful appearance.

To those who grow for the market and desire a smooth attractive potato we recommend "Jersey Royal". Its appearance will immediately create a demand; its earliness a fancy price, its eating qualities will satisfy the most critical epicures.

To those who aspire to Exhibition honors we confide "Jersey Royal" as a potato that will "point for point" win under most rigid and exacting discrimination.

"Jersey Royal" is an oblong or kidney-shaped white potato of very smooth surface, eyes as shallow as Honey-Eye Rose—a variety remarkable for its minute eye indentations. Consequently there is positively no waste in paring this potato.

As a cooker we know of no variety its superior; it will cook up fine, white, dry and floury in 25 minutes. It will not become soggy or water-soaked like so many varieties. Baked or mashed its flouriness is proverbial.

Planted third week in May. tubers are ready for use in July. It is a heavy cropper, disease resister, uniform shape, even size, and an excellent keeper.

Vines are strong and hardy, of bright green color.

1 lb. .30; 4 lbs. .75 Postpaid; peck (15 lbs.) .70; 1/2 bushel \$1.25; 1 bushel \$2.00; 1 bag \$2.95; 5 bus. for \$9.50. Bags free.

Photographed by A. E. McKenzie Co., Ltd.



Jersey Royal

Do Not Forget Our
Special Cash Discount
See Page 4

Manitoba produces the best seed potatoes in the world

Potatoes—Second Early and Maincrop

Wee MacGregor

A BEAUTIFUL POTATO.—THE FINEST GRAINED AND WHITEST GROWN.

1570—An introduction of the Manitoba Province and therefore of exceptional interest. By Sheer Merit this grand variety has become one of the leading and most popular main crop sorts of the day and we strongly recommend every planter to include a liberal acreage of Wee MacGregors. Everybody appreciates a good potato and this is one of them. The skin is unusually attractive, being of creamy buff. Shape oval and grows noticeably uniform which is one of its special points. Flesh pearly white and very fine-grained. Cooks dry and floury. Of distinctly palatable flavor. A good keeper.

There are many other sorts we could offer to our customers; but in keeping with our general policy we prefer to confine our attentions to a select few that we can confidently recommend rather than list a number of "ordinary" merit. Buy this Stock. It will please you as it has done others.

1 lb. .25; 4 lbs. .75. Postpaid; peck (15 lbs.) .65; 1/2 bush. \$1.00; bush. \$1.85; Bag 2.70; 5 bush. for \$8.75. Bags free.

Gold Coin—A Reliable Main Crop Potato

1576—In a comparatively short period this has proved its good qualities as a first-class main crop variety and although of comparatively recent introduction it has gained popularity rapidly. All through the Eastern Provinces and Northern States particularly North Dakota, Gold Coin is extensively grown.

Of Fine Cooking and Eating Quality the tubers are white tinged with pink; grows to large size in loam soils. Vines very strong and vigorous. Remarkably productive. Altogether a good serviceable potato which we recommend to every planter desiring a reliable and productive main-crop variety.

1 lb. .25; 4 lbs. .75. Postpaid; peck (15 lbs.) .65; 1/2 bush. \$1.00; bush. \$1.80; Bag \$2.65; 5 bush. for \$8.50. Bags free.



Photo by
A. E. McKenzie
Co., Ltd.

I have much pleasure in stating that I received second prize at the Horticultural Show for twelve potatoes grown on vacant lots and at the Potato Show was awarded First Prize for boiled potatoes out of over one hundred entries. These potatoes grown from seed supplied by yourselves.

The above result is especially gratifying in view of the fact that I have not yet had time to harvest the whole of my crop and on both occasions the potatoes exhibited were only dug on the evening before the show which did not afford much time or opportunity for selection.

WALTER W. SCOTT,
Calgary, Alta.

Oct. 8th, 1915.

Seed Potato Eyes by Mail

We have been sending out Potato Eyes by mail for the past few years with general satisfaction to our customers and there is no doubt that this method is gaining in popularity on account of the convenience and promptitude with which supplies can be obtained by the buyer. For those who are located at remote sections it is particularly suitable, as it enables them to obtain supplies of seed for planting where they would otherwise experience difficulty and inconvenience.

While there are many advantages connected with ordering Potato Eyes by mail which cannot be overlooked (and we append some of them here) we think it desirable to mention that wherever it is possible we recommend the planting of the whole Seed Potatoes in preference to the Eyes.

1577—100 Eyes—postpaid, 25 each of any four varieties. Any one variety of Eyes 50c per 25 eyes, postpaid.

The advantages of procuring new potato seed, cut to eyes, are:—

1st—Packed in neat packages, ready for use, they are delivered at your home town at a price which, in most cases, is less than the transportation charges would be if purchased in bulk.

2nd—No freight or express charges to pay, as we pay the postage.

3rd—Practically no danger from freezing when forwarded by mail.

4th—Enables you, at a small expense, to try out and experiment for and secure new seed stock to suit your fancy.

5th—Potatoes cut to eyes is a recognized method of planting, and give good results and large yields.

"Irish Cobbler" and "Wee MacGregor" from Seed which I got from you. Three of the finest varieties to grow, especially "Wee MacGregor" as it is a few weeks earlier than "Gold Coin". I had a splendid crop, shape and appearance good, and cooking qualities all that can be desired. With your "Irish Cobbler" I got 1st prize for the best 6 Round Potatoes at the Calgary Horticultural Society Show held on August 19th to 21st, 1915.

F. H. WILSON,
Calgary, Alta.

Oct. 25th, 1915.

6th—It enables customers at remote sections to get a hurried and inexpensive delivery.

7th—We guarantee safe arrival in good condition for growing.

8th—Eyes are selected from the best stock only.

The Wee MacGregor and Early Ohio Potatoes purchased from you have done remarkably well. I have the finest patch in this district.
J. S. FIELDS,
Box 374, Regina, Sask.



We do not ship Potatoes until all danger from frost is past—usually first week of May



A fine crop of Dwarf Essex Rape Seed from McKenzie's Seed

Photo by A. E. McKenzie Co., Ltd.

Dwarf Essex Rape—McKenzie's Genuine Stock

Absolutely the finest Forage plant any Farmer can grow

1450—Taking its many valuable properties into full consideration we unhesitatingly pronounce this to be one of the most desirable crops ever introduced to the notice of the Canadian Agriculturist. Until recent years rape has been grown almost exclusively to provide pasture for sheep; but it is gradually being proved equally good for all kinds of stock.

If the growing of rape for sheep, cattle and hogs is highly profitable to thoroughbred stock raisers, large ranchers and dairymen, does it not seem reasonable to suppose that it would be relatively so to any farmer?

Breeders of fancy stock are never without a field of rape. Some Ranchers sow up to 1,000 lbs. rape each year.

Farmers generally, recognize the high nutritive value of Dwarf Essex Rape, they appreciate its extremely heavy yields, they know its exceptional value as a cheap fattening ration. They are keen to the fact that it is only when cheap feed is available that real economy exists.

As a pasture crop for cattle, sheep, hogs or poultry it has no superior, adding flesh to the stock; quick, plump and solid. If sown early on well prepared land it is most excellent for hogs. Sown with grain gives feed for all kinds of stock in the late fall. Sown with peas, oats or clover will provide pasture. Is useful as a cover in the orchard. Will provide good pasturage if sown with rye in August.

To plow under as a green crop adding humus to the soil. We especially recommend that instead of allowing

the summer fallow to stand idle that you sow rape, as it gives pasturage and very choicest feed until snow falls, and the heavy vegetation and natural fall fertilizes the land, thereby obtaining treble results: 1st, feed for the stock; 2nd, enrichment of the land; 3rd, increased crops the following season.

Considering that one acre of rape will furnish pasture for ten to twenty hogs for two months, supplying at least twelve tons of green feed, it is impossible to secure cheaper feed or make a better investment. Rape in appearance resembles the leaf of a Swede turnip and is extremely prolific. See illustration for heavy way in which it grows.

1 lb. .30; 4 lbs. .85; Postpaid. 10 lbs. or more, per lb. .13; 25 lbs. or more, per lb. .12. Purchaser pays freight.

Thousand Headed Kale—(Will thrive in almost any soil)

613—Cheap rations must be provided, which can be grown on the farm, something adapted to milk production, fat production, something nutritive and immense in yield.

Thousand-Headed Kale is a forage plant of rapid growth throughout the Canadian West. It is highly relished by cows and sheep.

The plants will thrive in almost any soil. The stems are covered with an abundance of branching, broad leaves which are very productive and eagerly eaten. Very similar to rape in appearance but grows much taller. The ease with which this crop can be produced and the valuable nutriment it supplies and the benefits it gives to the stock are a sufficient recommendation to encourage the growing of this valuable plant. The seed should be sown in the spring in drills 30 inches apart, and the plants thinned out to a distance of 24 inches from each other. As a pasture crop for milch cows, cattle, swine and sheep it has no superior. A good crop will furnish twelve to fifteen tons per acre of green food, and its nutritive value is almost twice that of clover an acre. It has proven a great boon to our Prairie West on account of its ability to resist frost and withstand, generally, the adverse climatic conditions that frequently prevail. 1 lb. .45; Postpaid; 10 lbs. or more, per lb. .30. Purchaser pays the freight.

Dwarf Essex Rape is better adapted to, and produces larger crops in rather cool climates, such as prevail in the Canadian West.

It is absolutely a loss of time and money to experiment with any other variety.

Turnip, Essex Rape, Alfalfa, and Cabbage did splendid, specially Cabbage. I will continue my order to your firm next Spring.

JOHN BARTON,
Lemberg, Sask.
Sept. 16th, 1915.

The Place to
Buy Your Seed



MCKENZIE'S SELECTED

WHAT IS MEANT BY "GOLD STANDARD"

The words "Gold Standard" have a distinctive significance wherever used in the McKenzie seed catalog, and in any other literature or advertisements representing the McKenzie seed institution.

When the words "Gold Standard" are prefixed or affixed to any variety of seeds, what do we mean? What information is it intended to convey to the buyer? How will it assist the buyer in making up his or her seed order?

Briefly stated, it is this: A perusal of this catalog will reveal the fact that the words "Gold Standard" are used chiefly in designating highest qualities in the **seed grain, clover and grass seed departments.**

It does not mean an inflexible standard which never varies. This is impossible owing to annually variable weather during growing, ripening and harvesting, but, it is decidedly an inflexible high standard of quality as applied to the respective seeds in the respective year in which said seeds are harvested.

A purchaser of McKenzie's "Gold Standard" brand of **Seed Grains, Grasses or Clovers** secures the very highest quality obtainable in commercial quantities. "Gold Standard" brand is a pledge of quality to the buyer.

Marquis—DESCRIPTION

THERE IS NO DOUBT WHATEVER that there is not another variety of wheat which has sprung so quickly into popular favor or enjoyed such UNIVERSAL DEMAND throughout the Canadian West as MARQUIS. It possesses the much desired combination of EXTREME EARLINESS, HEAVY YIELD and excellent milling, qualities. It is one week to ten days EARLIER THAN RED FIFE, which means so much to the wheat grower just at the critical period when there is danger of rust, smut drought or frost attacking the crop. There can be NO QUESTION as to the PRODUCTIVENESS of MARQUIS WHEAT. Statistics prove that it has out-yielded all other Spring Wheat grown under identical conditions.

This grand variety was introduced by Prof. Saunders of Ottawa, the result of a cross between Red Fife and acclimated Hard Red Calcutta.

How the Highest Standard in the Development of McKenzie's Gold Standard Marquis and Red Fife Wheat is obtained.

Experience has proven that the purest and most highly developed stocks are obtained by process of selection. This process involves the application of the following methods, viz.:

1st. Selection by hand of the highest and most perfect types which can be discovered to best advantage when ripening in the field.

2nd. From the small beginning of a few pounds selected after the manner as indicated, further elimination is made of any other kernels which show imperfect development.

3rd. A small plot is sown with the stock obtained by above method.

4th. During the ripening period the small plot as referred to above, is gone over several times, eliminating all heads which show tendencies to depart from the parent stock, which in the case of Marquis would imply:—

a, Heads having beards; b, Tendency to rust; c, Heads imperfectly formed; d, Undersized; e, Weak straw and for any other causes.

This process is followed for one or more seasons until sufficient stock is acquired for the seeding of a liberal acreage.

5th. In order to maintain a high standard throughout repeated seasons it is imperative that a plot of several acres entirely separate from the main crop, shall be planted each year after the initial beginning of the first year in order to afford opportunity of roguing and thereby maintain purity and high standard of the general seed stock for seeding from season to season.

McKenzie's Gold Standard Marquis Wheat and likewise McKenzie's Gold Standard Red Fife, herein offered have both been grown under the above system of selection and development. This system and method has proven to be the most effective in the improvement of cereals as at present discovered and practiced.

We are pleased to observe that the Canadian Seed Growers Association are doing a good work in making this system more popular, encouraging a larger number each year to apply such principles as outlined above in the intelligent improvement of cereals. Work of this nature naturally has our hearty endorsement.

MCKENZIE'S GOLD STANDARD MARQUIS

3185—Is put up in new special heavy cotton bags, each containing two bushels. After being thoroughly cleaned every bag is subjected to careful inspection and sealed with Gold Standard Seals.

Price \$1.75 per bus.; 10 bus. or more \$1.70 per bus. Cotton bags 25c each.

PRIZE WINNING QUALITIES: We wish to call special attention to the fact that McKenzie's Gold Standard Marquis offered above is equal to the prize winning Marquis at the World's Dry Farming Congress which was held in Denver Co. September last.



Marquis Heads.

Add 25c each per bag. Include freight for Prepay Points.

Prices f.o.b. Brandon, unless otherwise noted

SEED WHEAT

TRIUMPHS

We will not attempt to weary you by a recital of the triumphs of "Gold Standard Seeds" during the past twenty years, and how the application of an ideal developed an institution from obscurity and diminutive conditions, to the front rank of Seed institutions in America.

Marquis—McKenzie's Selected

The parent seed from which this stock was produced was grown on the Experimental Farm, Brandon. The stock herein offered was grown on summer fallow. The crop was an excellent stand. Notwithstanding unfavorable harvesting conditions this stock germinates 99 per cent. It will give excellent results. Farmers desiring to seed large areas should not miss this opportunity of securing this choice seed Marquis.

3186—1 bushel \$1.45; 10 bushels or more \$1.40 per bushel. Cotton bags 25c each.

"Registered" Marquis

Cotton Bags 25 cents each.

3208—While our Registered Stocks of Marquis, Red Fife and McKenzie's Gold Standard Stocks of both these varieties have been grown and prepared by cleaning under identical conditions, the difference is that our Registered Stocks are certificated by the Canadian Seed Growers' Association and cannot be "Registered" unless they qualify in every way to the Association's Standards.

Sold only in heavy cotton bags each containing 100 lbs. and each bag officially inspected, sealed and certified by the Canadian Seed Growers' Association. Price \$3.50 per 100 lbs. Bags 25c each. Write for special price on quantities of 1,000 lbs. or more.

Red Fife

McKenzie's Gold Standard.

3202—In the animal kingdom breeding tells. The same principle holds in respect to Cereals, only it is not generally recognized and appreciated. This, however, does not destroy the fact.

McKenzie's Gold Standard "Red Fife" like McKenzie's Gold Standard "Marquis" are offered not merely because they are good samples only, but because they possess breeding qualities. There undoubtedly are millions of bushels of good milling wheat, but there is a difference between Breeding wheat and Milling wheat. What every farmer requires is better Breeding wheat in order to produce wheat with better milling qualities.

Our Gold Standard Stock of Red Fife through continued process of selection embodies the highest qualities to which Red Fife has been specially developed up to the present time. What we have said regarding the selection and development of McKenzie's Gold Standard Marquis on page 44 equally applies to McKenzie's Gold Standard Red Fife or vice versa.

The Stock herein offered can be depended upon to produce largest yields of highest quality. It has not only been scientifically grown but subjected to most careful inspection in the fields when ripening, in order to judge every point of merit with a view to reproduction.

Red Fife has a plump kernel but noticeably longer than Marquis, dark red amber color, straw stiff. Owing to the frequent rains before threshing this has resulted somewhat in discoloration of Red Fife kernels but in no wise has the vital energies of the seed been impaired.

Every bag of Gold Standard Red Fife is shipped under seal to insure its identity.

Price, 1 bushel and under 10 bushels, \$1.75 per bushel; 10 bushels or more, \$1.70 per bushel. Heavy cotton bags 25c each.

"Registered" Red Fife

3204—Here again the same remarks apply as to "Registered" Marquis.

Sold only in heavy cotton bags, each containing 100 lbs. and each bag officially inspected, sealed and certified by the Canadian Seed Growers' Association. Price \$3.50 per 100 lbs. Bags 25c each. Write for special price on quantities of 1000 lbs. or more.

Prelude

3201—Conceded to be one of the earliest varieties of wheat grown, but suitable only to the northern portions of our Western Provinces. It ripens quite two weeks earlier than Red Fife and a week in advance of Marquis. Introduced by Dr. C. E. Saunders, Dominion Cerealists. It is a light yielder—open chaff and shells easily, therefore should be harvested early.

1 bushel \$2.20; 10 bushels or more \$2.15 per bushel.

Egyptian King

3187.—This is a variety of Wheat unknown in the Canadian West, until the last year or two. Reliable information as to its origin, parentage, and early history we know little of. We do know, however, that this variety was sold in scattered parts of Western Canada in the winters of 1914 and 1915 at \$25.00 per bushel. We have consulted growers and in fact made a personal examination of one field of ten acres and those consulted claim that they raised during this past year from fifty to one hundred bushels per acre.

We have received both favorable and unfavorable reports as to its laboratory analysis for milling purposes. We really have not had sufficient evidence submitted, as yet, to enable us to form a definite opinion as to its milling qualities. At the present time we very much doubt that it will ever become a milling wheat comparable with Marquis or Fife.

It is sometimes known as "Seven Headed Wheat," bearded, color of kernels inclined to be a little lighter than Red Fife—the berry slightly smaller than the average berries of Fife, does not seem inclined to rust, straw tall and strong.

In view of foregoing facts, why do we list it? Our answer is—If the yield of this Wheat is what it is claimed to be it should fill a reasonably valuable place as a feed cereal in a country like Western Canada where there is so much grain used for feeding purposes. It is not an uncommon experience for this "Seven Headed Wheat" to produce eighty to one hundred bushels per acre.

1 lb. Postpaid .45; 7 lbs. Postpaid \$2.25; 1/2 Bus. \$6.50; 1 Bus. \$10.50; 5 Bus. \$50.00; 10 Bus. \$90.00.

Macaroni

(DURUM)

3180. Of great value for semi-arid lands which will not produce good crops of Spring Wheat. It grows very strong and matures rapidly.

1 bus. \$1.85; 5 bus. or more \$1.80 per bus.

Fall Wheat—Turkey Red

3206—A few years ago Fall Wheat growing was undertaken in some parts of Manitoba with some measure of success. Repeated trials with varying winter conditions has had the effect of discouraging many, who otherwise would have continued.

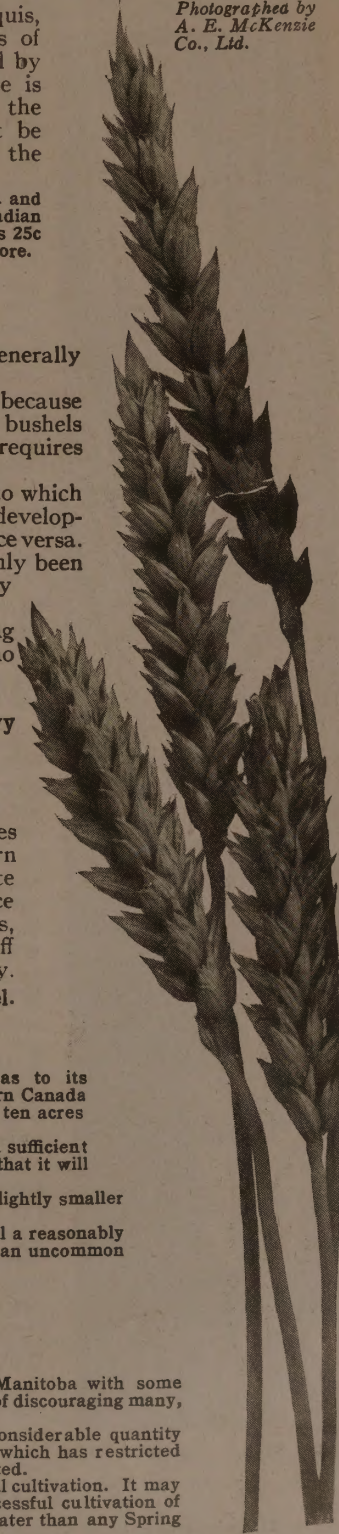
Of the Western Provinces, Alberta, for several years produced Winter Wheat in considerable quantity for some years but even in Alberta there were bitter experiences through winter killing which has restricted production very much. In Saskatchewan very little, if any, cultivation has been attempted.

Summing up experience, as a whole Winter Wheat cannot be recommended for general cultivation. It may be observed, however, that there are some sections which lend themselves to the successful cultivation of Winter Wheat and in such localities it is a very profitable crop as yield is considerably greater than any Spring Wheat variety.

Price 1 bushel and under 10 bushels \$1.95; 10 bushels or more per bushel \$1.90.

Add 25c extra for Cotton Bags

Photographed by
A. E. McKenzie
Co., Ltd.



Red Fife

BARLEY

O.A.C. No. 21—Six-rowed

3296—This variety originated, as its name indicates, at the Ontario Agricultural College, Guelph, Ont. Selected from a plot of about ten thousand plants in 1903, the stock was bred from a single plant. Certain distinct and valuable features characterised this plant resulting in its selection in the first instance; these by constant re-selection have been maintained and the stock which we offer this season represents a type of six-rowed barley that cannot be excelled.

It is early, kernels plump, straw good, and heads do not break off or shell so readily as some other varieties. A striking instance of this was brought to our attention recently. One of our customers grew O.A.C. No. 21 and Oderbrucker on his farm under similar conditions, during the past season. While the crop was growing his opinion was that they would give practically the same returns; imagine his surprise, when, after threshing he found that O.A.C. 21 yielded 50 bushels per acre and Oderbrucker 20 bushels, caused of course by the unfortunate tendency of the latter to break off at the head just as soon as it is ripe, and the same farmer had disappointing experience with the same variety the year before. We introduced O.A.C. 21 in 1911 so it is "time tried" and has proved a valuable acquisition.

One bushel and under 10 bushels, \$1.15 per bushel; 10 bushels or more, \$1.10 per bushel.

Mensury—Six-rowed

3262—The new varieties that are being offered are selections, and naturally their usefulness largely depends upon the purity and quality of the stock.

Mensury has been a popular variety with us for years and we have always been very fortunate in having particularly clean and well ripened stocks to offer. This year we are glad to say that the stock we have to offer is quite up to our usual standard, in spite of the fact that as a rule Barleys are not as good as usual. Our stock is clean, has been well ripened, is of good color and a very even sample. The vitality is A1 germinating 100% in four days.

Mensury is so well known that we feel it is unnecessary to elaborate; the essential feature really is, what is the stock like. We say without hesitation that no matter what price you pay you cannot get better than we are offering.

Every kernel a live one, true to type, brimful of vitality.

1 bus. and under 10 bus., \$1.20 per bushel.

10 bus. or more, per bus., \$1.15.

Six-rowed

3277—This is choice general stock, specially cleaned. 1 bus., \$1.05; 10 bus. or more, \$1.00.

It pays to invest a few dollars in SELECTED Seeds

Manchurian No. 871

Six-rowed

3268—A selection from Manchurian, made at the North Dakota Experimental Station. Grown from a single plant which showed characteristics of extra earliness and from the size of the head it was estimated that it would prove a heavier yielder than type from which it was selected. After several years' careful tests this variety has demonstrated its superiority in regard to earliness, yield, strength of straw, and freedom from rust. It ripens very evenly and can be harvested with less risk of waste by "shelling" than many other varieties. To-day it is one of the most popular varieties in North Dakota. The stock we offer was grown from seed supplied by the North Dakota Experimental Station.

1 bushel, \$1.70; 10 bushels and over, \$1.65 per bushel.

Minnesota No. 105

Six-rowed

3269—This is a selection made by the Minnesota State Experiment Station. They worked on this for several years, their aim being to produce a Barley that would eclipse all others in yield.

Exhaustive and carefully conducted trials were made for several years and proved conclusively that this variety was ahead of all others as a heavy and consistent cropper. It gave a nine-year average of 53 bushels per acre. At the Minnesota State Fair held in September last it not only took first place in point of quality but also in the number of entries showing just how it is appreciated by the up-to-date farmers of this progressive State.

The seed we offer was grown from seed supplied direct from the State Experiment Station.

We confidently recommend our customers to give this variety a trial this season.

1 bus., \$1.70; 10 bus. or more, per bus., \$1.65.

White Hulless (Improved)

(Beardless)

3263—If you want a Barley for feeding only and have no intention of selling to the malster, then Improved White Hulless has much to recommend it.

It is a very rapid maturing sort, usually ripening in about 60 days. It also adapts itself admirably for cutting green and curing for hay, enabling it to be sown late without undue risk. Invaluable as a "catch crop" where earlier sown crops have failed or as a cleaning crop, permitting of the maximum amount of cultivation before the seed is sown.

If sown for grain use 1½ bushels per acre and for hay 2 bushels. The stock we offer is perfectly free from weeds but contains an odd kernel of six-rowed Barley; weighs 60 lbs. per bushel.

Price, \$3.00 per 100 lbs.

Two-Rowed Barleys

We are not listing the two-rowed varieties for the simple reason that the demand is so very limited. There seems to be a prejudice against them. We believe that Western farmers will eventually "come round" to them and in case any of our customers desire to try out such two-rowed varieties as Canadian Thorpe, we would be glad to have your enquiry and will quote price, if stocks are unsold.



Typical Head of Six-rowed Barley

North Dakota Resistant No. 114

(N.D.R. 114)

3288—This variety as its name indicates is a product of the North Dakota Agricultural College, and will doubtless long remain a monument to the genius of Prof. Bolley. The features which distinguish it from other selections from this same source, are viz.:—It is taller than No. 52, ripens more regularly at the top, maturing its seed more evenly. It does not require such a long season to ripen as No. 52 and as a consequence is more adapted to the needs and conditions of Western Canada. The seed is dark brown in color, small and plump and nearly straight. It was selected on account of its Wilt and Rust Resistant properties and also because of its evident heavy cropping qualities.

It has been well tried in North Dakota and has amply justified all claims made for it. We introduce it with confidence, and our own observations justify us in recommending all our customers to give it a trial this year.

The seed we offer was grown from seed supplied by the North Dakota Experimental Station and the growing crop inspected and approved by them. 1 lb. .25. Postpaid. 1/2 bushel, \$2.50; 1 bushel or under 10, per bushel, \$4.75.

North Dakota Resistant No. 73

(N.D.R. 73)

3289—Another of Prof. Bolley's selections which we have pleasure in introducing:—

A typical type of oil producing flax. Not as strongly wilt resistant as N.D.R. No. 114 but decidedly more Rust Resistant. It is a very heavy yielder. Is equally suitable for old or new land. We especially recommend this variety to those whose crop has in the past suffered from Rust.

The stock we offer was grown from seed supplied direct from the North Dakota Experimental Station and the growing crop inspected and approved by them.

1 lb. .25. Postpaid. 1/2 bushel, \$2.50; 1 bushel or under 10 bushels, \$4.75.

3266—In spite of the many new varieties that have been introduced from time to time, Common Flax still retains a popular place among Western Farmers. This is not to be wondered at, as, on virgin land newly broken and especially where early frosts are not frequently encountered it can be depended upon to give as good crop as any. The advantages of the Wilt and Rust Resistant types are naturally more in evidence on old lands when spores of these Fungi are in the ground. Common Flax has again and again proved a "friend in need" to the new settler or homesteader. Its adaptability for sod land—splendid crops have been harvested sown on virgin land immediately after it was broken.—Its small bulk and high value all contribute to fit it admirably for the pioneer whose need is ready cash and whose facilities for handling a crop are few.

The seed we offer is very choice, clean, plump and of excellent vitality. Good Flax is not plentiful; we therefore recommend early ordering. 1/2 bushel \$1.50; 1 bushel and under 10 bushels, \$2.95 per bushel; 10 bushels or more \$2.90 per bushel.

Crop Rotation

The important subject of Crop Rotation for the purpose of preserving or maintaining the fertility of the soil is admittedly only in its infancy so far as Western Canada is concerned. Sufficient is known, however, to prove that to vary the crops one year with another is of inestimable value. The question, therefore, which confronts the Western Farmer is—What can I grow as a change that will be easily handled, is profitable and will not unduly interfere with the seeding and harvesting of the wheat crop, which after all must remain the backbone of our Western Agriculture. The answer to this question is Oats, Flax and Barley.

Flax and Wireworm

It is not generally known that Flax is immune to the ravages of Wireworm. This constitutes a convincing argument in favor of sowing Flax on new breaking, will appeal strongly to those who in the past may have lost their Wheat crop, through the destructiveness of this troublesome pest. We therefore recommend the farmers in new districts, especially where the Wireworm is in evidence, to sow Flax. The land will then be in good condition for wheat or any other cereal.

There is a good market for Flax; hitherto Canada has only contributed about 5 per cent of the world's supply.

F
L
A
X**Primost—(Minnesota No. 25)**

3265—This variety originated at Minnesota Experimental Station, being a selection from what was known as the White Blossom Dutch Flax. It is some years since we first introduced this variety to the Canadian West and probably we can give no better testimonial in its favor than to say, that we have invariably found the demand to exceed the supply. It is from 7 to 10 days earlier than Common Flax (a valuable feature where early frosts are experienced). A heavy yielder ripening very evenly, straw medium length, easily harvested. The grains of Primost are somewhat smaller than Common and as a consequence it is sometimes difficult to remove such weed seeds as "Stickseed." Our highly perfected cleaning machinery enables us to remove all impurities that it is humanly possible to eliminate. The "absolutely" clean stocks naturally go first and we therefore recommend early ordering.

1/2 bushel, \$1.45; 1 bushel or under 10 per bushel, \$2.75; 10 bushels or more, \$2.70 per bushel.

HE IS SATISFIED

The Primost Flax which I bought of you last spring did well this year. It is nice, clean flax, ripened early and I would not change again for Common Flax. Nov. 2nd.
PAUL MEINIG, Sask.



Primost Flax

Common or Russian**Golden**

3264—Two years ago we introduced this variety to the Canadian West. Its advent was somewhat triumphantly heralded in as much as that year it was awarded the Silver Medal for Flax at the International Dry Farming Congress at Tulsa, Okla.

It is distinct from all other varieties in the beautiful golden color of the kernels and also in the color of the flower being white. About 10 days later in ripening than Primost, shorter in the straw averaging about 18 inches.

Yields on an average about the same as the brown colored varieties, last year the crop averaged 29 1/2 bushels per acre.

In oil content it exceeds most other varieties about 25%, and when available in sufficient quantities to attract the attention of crushers it will undoubtedly be in demand.

May be sown in precisely the same manner as other varieties. The seed we offer contains a few kernels of brown colored Flax.

Per lb. .30; 4 lbs. \$1.00. Postpaid. peck \$1.30; 1/2 bushel \$2.50; 1 bushel \$4.75.

A High Ideal

At the inception of our business we recognized not only the paramount importance of establishing a high ideal as a basis upon which the administration of the business should be conducted, that fairness and justice should characterize all its dealings, but that Quality Seeds would be our slogan.—As gold is the standard for the currency of the world—so "McKenzie's Gold Standard Seeds" denote the highest quality in Seeds.

Prices are f.o.b. Brandon, unless otherwise noted



PURE SEED OATS

IMPORTANT
Farmers should be exceedingly cautious regarding their Seed Oats for the approaching Spring—it is being found that thousands of bushels of good oats will not germinate.

In the Seed Season of 1915 the McKenzie Seed Institution sold more thousands of bushels of Seed Wheat, Seed Oats and Seed Barley combined direct to consumers than any other seed concern in Canada. Pure Seed Grains are a Speciality with us. We are Specially Equipped for this trade as no other in Western Canada.

“WESTERN CANADA’S BEST WHITE OAT”

McKenzie’s Special Strain American Banner

The most widely cultivated. The best known. The most popular and Reliable Oat in Canada.

It is again with the utmost confidence that we offer our Special Strain Banner which is now universally cultivated throughout the West.

There is no other White Oat to compare with it and we conscientiously believe Banner has more real merit than any oat grown.

New Oat introductions come but none have excelled the tried and proven utility of this grand strain.

The Highest Yields in the West.

Our Special Strain of Banner is an improved Oat of the highest type and has done more to develop a permanently profitable system of crop growing than all other Oats combined.

In the initial stages the seed for purposes of improvement must be true to name, pure, well developed. When the crop from this stock is in the ripening stage, selection of the largest, purest and most vigorous heads are gathered. The product of these heads are sown the next year—then selection of the best heads is again made and so continued until the variety by process of selection is developed to what we might term, humanly speaking, perfect development and purity. Such is “McKenzie’s Special Strain American Banner.”

This variety is early; color white; straw stiff, free from rust, holds its type well. Unequalled for prolific yield; kernel long, and hull is very thin, and they weigh well.

Its breeding and selection show in its ability to mature evenly and the heavy crops produced.

3212—1 bushel and under 10 bushels, per bushel, \$1.00; 10 bushels or more, .95 per bushel.

Early Mountain

A NEW INTRODUCTION.

This variety was introduced into the United States from Bavaria. We now offer it for the first time believing it to possess qualities which eminently fit it to take a leading place in the grains of Western Agriculture.

It is a medium maturing, white-seeded, branching head-oat of average height and is easily distinguished from other varieties at heading line by its characteristic liquid-green color and when ripe by the appearance of characteristic white, delicate, bristly hairs at the base of the kernels.

It is unlike any other variety of our experience and the introducers claim that it is the earliest and most prolific oat on earth.

There seems to be no question as to its adaptability as it has succeeded well on all kinds of soil and has yielded at times more than 50 lbs. to the measured bushel. Makes remarkable growth on very light, sandy, soil. Altogether a highly commendable variety well worthy of attention when a choice of seed is being considered.

3294—1 lb. .30; postpaid; peck, .60; ½ bush. \$1.00; 1 bush. \$1.70.

Avoid Disappointment—Order Early



60 Day or July

3215—Introduced into this country in 1901 from Russia by the United States Department of Agriculture, and it is worthy of note that nearly every farmer who gave it a trial at that time has continued to use it.

The practical farmers of this western country are naturally desirous of securing greatest results and judging by the heavy demand for 60 Day Oats it is very evident this variety appeals to them. It is not a good looking Oat and the appearance is contradictory as compared with the abundantly heavy crops it produces accompanied by those valuable essentials, viz., thin hull and extreme earliness. As the name indicates it matures in the west in July which admits of harvesting before wild oats and other noxious weeds ripen and drop their seeds. This is highly important as it enables the harvesting to be completed long before the general farm harvest begins.

1 bushel or under 10 bushels, \$1.05 per bushel; 10 bushels or more, \$1.00 per bushel.

Seger or Victory

Eclipses many others.

3292—Just reflect for one moment and note carefully that the stock we offer of this popular variety is specially selected—re-cleaned, rogued, tested for dependability and therefore worthy of your special consideration

We believe it is now generally known that this excellent variety was introduced from Sweden by Prof. Nilsson through the Swedish General Seed Co., of Svalof, Sweden, who predicted it would become a profitable acquisition for the Western Canadian Agriculturist. From reports of our customers it is evident that this grand selection has justified itself in the experiences of many and we do not know of any variety of recent introduction that has given greater satisfaction.

Briefly its chief points are:—

Particularly suited to Prairie Soils.

Elasticity of growing plant, heavy rains seldom break them.

Grain white, large and full, thin hulled, nearly beardless.

Very productive.

Ripens medium early.

Altogether a very desirable sort for the Prairie West.

1 bushel and under 10 bushels, \$1.00 per bushel; 10 bushels or more, .95 per bushel.

Abundance (Regenerated)

3217—A standard variety—Universal Favorite. The chief characteristics of this popular variety are large yields, hardiness, earliness, and drought resistance. It is a very fine appearing Branch Oat maturing about the same time as Banner. Color, white; very plump kernel; stiff straw.

The stock we offer is of exceptionally fine appearance and superb plumpness germinating 100 per cent and possessing a purity test of 100 per cent. Free from Wild Oats and other noxious weeds. We are confident it is impossible to obtain a finer lot than this from any source.

1 bushel and under 10 bushels, .90 per bushel; 10 bushels or more, .85 per bushel.

Garton’s 22

3293—In previous issues of our Seed Catalog we have made reference to our hesitation in recommending “cross bred” or “hybrid” varieties of Seed Grain and explained that we were of opinion it was advisable for the buyer to exercise caution on account of so many of these “wonder-papers. After exhaustive tests we are satisfied, however, that Garton’s 22 has so far demonstrated its remarkable qualities to justify our recommending it.

Owing to its thin hull encasing a very plump kernel, it is essentially a Millers’ Oat. Heavy yielder and powerful drought resister.

1 bush. and under 10 bush. .80 per bushel; 10 bush., or more, .75 per bushel.

ON ALL GRAINS ADD TWENTY-FIVE CENTS FOR COTTON BAG



“REGISTERED” BANNER.
It is now generally understood by farmers that any stocks which are offered as Registered must have been grown under the rules and regulations of the Canadian Seed Growers’ Association. The object of this Association is to encourage the production and use of pure seed of high quality on Canadian Farms. The “Registered” Banner Oats here offered are put up in cotton bags of 100 lbs. and each bag is sealed and accompanied by a certificate of registration.

3213—Price per 100 lbs. \$3.85

NEWMARKET.

3214—This white Oat succeeds well on all soils on account of its robust and vigorous constitution and is one of the most attractive sorts grown in the West. Remarkably early and an enormous cropper. Kernel extra large and plump. Very thin hull. Stiff straw. Once grown always a favorite variety.

1 bush. and under 10 bush., .85 per bush.; 10 bush. or more, .80 per bush.

In regard to the 60 Day Oats, I ordered 6 bushels which I put on 3 acres of land, and I cut the oats 9th of August. I threshed 298 bushels from the 3 acres or from 6 bushels.

R. H. SMITH,
August 22nd, 1915. Crosswood, Sask.

The new market Oats I bought from you turned out satisfactory.

I threshed 260 bushels from the 10 bushels of seed, and they are a good sample.

W. J. WHITE,
Nov. 8th, 1915. Lac Vert, Sask.

The Newmarket oats did excellently, taking first prize in standing crop competition of Dubuc. Agriculture Society Threshed.

E. KENDRICK,
Nov. 1st, 1915. Gotham, Sask.

Prices f.o.b. Brandon,

The Banner seed oats I purchased last spring did very well. I sowed them in April and they got frozen right down with the heavy May frost, also again in June and in August they got hailed. And they yielded about 35 bushels to the acre, nearly half of them were killed with the frost.

WILLIAM PHILLIPS,
Nov. 1st, 1915. Lipton, Sask.

The results from the seed I sowed on summer fallow, 7 acres (2 bushels to the acre), and I threshed 503 bushels of the Banner Oats. I am quite well satisfied. They are the best for this country.

Nov. 1st, 1915.

unless otherwise noted

J. L. CROWDER,
Blaine Lake, Sask.

The Abundance Oats I purchased from you gave entire satisfaction, they yielded 80 bushels per acre and tested 40 lbs. to the bushel.

The 60 Day Oats yielded 100 bushels per acre and tested 40 lbs. to the bushel.

THOS. MILES,
Oct. 24th, 1915. Kamsack, Sask.

The Victory Oats I got of you turned out all right. They were sown April 24th, and cut September 1st, 130 days. They are good sample for next year seed and free from weeds. They were threshed ten days ago and yielded from 50 to 55 bushels per acre.

F. J. BONNER,
Oct. 21st, 1915. Ladstock, Sask.

A Crop which should be more generally known and grown in the West.



RYE

Good for Stock. Invaluable for Pasturage.
Splendid Fodder Crop.

Spring Rye

ONE OF THE SUREST HAY CROPS GROWN.

3218.—The unprecedented demand for this seed during the past season encourages us to believe that Agriculturists have awakened to the necessity for including a crop of Spring Rye for feed if for no other reason than to protect their Winter Feed Supply. Rye is particularly adapted to unfavorable climatic conditions and poor soil.

It is very hardy, of quick vigorous growth, and one of the surest hay crops in cultivation. Enormous yield—Economical in price—Unexcelled for pasture. Exceptionally rich and nourishing to stock. Can be sown in early spring immediately frost is out of the ground. It can also be plowed in as a fertilizer if desired. Ours is the true stock. Sow $1\frac{1}{2}$ bushels per acre.

$\frac{1}{2}$ bushel .75; 1 bushel \$1.40; 10 bushels or more \$1.35 per bushel.

Fall or Winter Rye

PROVED BY EXPERIENCE TO BE A MOST DESIRABLE CROP.

The increasing popularity of Fall Rye in Western Canada indicates that it has proven its worth under existing conditions. Never before have we had such a call for this seed, and we believe it will become one of the leading crops in the near future.

Yield. According to reliable statistics the average yield during the last seven years in Saskatchewan has been 43 bushels, the highest yield recorded being 55 bushels in 1908 and the lowest 32 bushels in 1911.

Advantages of Fall Rye. Although we do not suggest that it can displace any of the crops now grown it might be added, with considerable advantage, to those that have a regular place on Western Farms. Summer fallow that is sown to Rye in August or early September is not subject to soil drifting either in fall, winter or spring.

Its rapid and early growth chokes out many weeds, and on this account it is of particular value in combating wild oats. Rye ripens much earlier than wheat and consequently is not subject to damage from early frosts. It affords fall pasturage also the earliest green pasturage in the Spring that can be provided in this country. Especially valuable on light and sandy soils on account of its ability to produce good yields when sown on soil too poor to grow other cereals. The increasing popularity of Fall Rye in the United States is clearly shown by the fact that in 1905 the total acreage was 1,730,000 acres while in 1914 this had increased to 2,541,000 acres, showing an increase of 46 per cent.

There is nothing unusual in its culture., It is handled in the same way as wheat seeding from $1\frac{1}{2}$ to 2 bush. per acre. The only difference is that Fall Rye is a fall sown crop. Try out a few acres on Summer fallow. We carry a splendid stock of this variety. Send your order. There is a big demand during the months of June and July, so let us know your requirements in good time. August or September are the best months to seed it.

3219—Selected Re-cleaned Stock: $\frac{1}{2}$ bush. .80; 1 bush. \$1.45; 10 bush. or more \$1.40 per bush.

One of Manitoba's leading Farmers writes:—

"The following is my experience growing Fall Rye: I have grown it now for three years on light land near Virten, have pastured it fall and spring and threshed about seventeen bushels per acre. This year I have over one hundred acres in. I have found it the best weed killer going. The rye is ready to cut about the middle of July, when wild oats are just heading out. It makes good hay if cut early, and is an excellent crop to sow grass seed with, as it is cut so early that it gives the hay a chance to be ready for fall pasture."

NOTE.—We have bought one thousand bushels of Fall Rye from the above grower. This grain was produced on poor, light, sandy soil. We paid more for the Rye than we would be willing to pay for the land it was produced on. In other words, Rye is peculiarly adapted to light soils.

Table of Comparative Feeding Standards showing the average Percentage Composition of Rye as compared with other grains.

Feed	Water	Ash	Crude Protein	Carbohydrates		Fat
				Fiber	Free-Extracts	
Rye.....	9.4	2.0	11.8	1.8	73.2	1.8
Oats.....	9.2	3.5	12.4	10.9	59.6	4.4
Barley.....	9.3	2.7	11.5	4.6	69.8	2.1
Wheat.....	10.2	1.9	12.4	2.2	71.2	2.1
Corn.....	10.5	1.5	10.1	2.0	70.9	5.0

"For Feeding purposes Rye can be recommended in proportion of not more than one-third when fed mixed with other grains."

Fall or Winter Rye, Pedigreed Strain

Recognizing the likelihood of a great demand for this stock we have planted a large acreage for delivery from 1916 crop which we anticipate will be ready about 1st August. The advantages, as compared with the ordinary stock, are many—the most important being MUCH GREATER YIELD. WHEN we state that THE PEDIGREED STRAIN OUT-YIELDED THE COMMON FALL RYE BY NINE BUSHELS PER ACRE on a field test, it will be admitted there is much to recommend the use of Selected and Pedigreed Strains. It grows very strong, stiff straw standing up well. The heads are of unusual length and the kernels are the largest and plumpest ever seen. Orders for this stock will be filled about middle of August. This will give ample time for seeding last half of August or first half of September.

N.B.—ALL OUR PEDIGREED RYE WAS GROWN FROM THE SAME SEED WHICH WON THE WORLDS CHAMPIONSHIP IN 1913.

3220— $\frac{1}{2}$ bush. .85; 1 bush. \$1.60; 10 bush. or more \$1.55 per bushel.

Customers please specify "Pedigreed" when ordering.

Field Peas

Field Peas deserve much more attention for fodder than they now receive, and we would strongly advise our farmer friends to consider whether it will not be to their advantage to think more seriously of this crop, which is not only profitable, but will return to the land much needed nitrogen. There is always a ready market for peas, or they can be profitably ground and used for stock by which they are highly relished.

PEA FED HOGS ARE THE STANDARD OF THE WORLD

and bring premium prices, even alongside of the Corn Fed Porker. Much of the success of the Canadian Stockmen has been augmented by the free use of peas in the diet. There is no kind of live stock on the farm to which peas cannot be fed to advantage. They make a good food for milch cows, swine, ewes, lambs, horses, sheep, and for fattening cattle they have a high value. Nearly all kinds of stock prefer pea straw when it is properly cured to either wheat, barley, rye and even oat straw.

In past seasons we have strongly advocated the freer use of Field Peas, and would here reiterate our previous recommendations, feeling confident a more general use will result when their value is better appreciated.

Sown with a small quantity of oats they stand up well and can be cut with the binder. About $2\frac{1}{2}$ bushels per acre is recommended and they should be sown early (as early as wheat) and deep. This is important.



Head of Speltz
Note the thick kernels.

	Postpaid					
	1 lb.	5 lbs.	15 lbs.	$\frac{1}{2}$ bus.	1 bus.	5 bus.
3225—Golden Vine, small, but very productive	.25	.75	.90	1.65	3.15	3.10
3226—Canadian Field, good for general use....	.25	.75	.90	1.65	3.15	3.10
3227—Canadian Beauty—an excellent pea, large and very productive.....	.25	.80	1.10	2.00	3.85	3.80
3229—Prussian Blue, used for cooking when ripe, long straw, big cropper, an excellent pea.....	.25	.80		2.00	3.85	3.80
1018—Black Eye Marrowfat, strong grower of A1 quality.....	.25	.80	1.10	2.00	3.85	3.80
1019—White Marrowfat, similar in growth to Blackeye.....	.25	.80	1.10	2.00	3.85	3.80

Spring Tares (Vetches)

3285—This is one of the most promising of all the leguminous plants. Rapidity in growth and extreme hardiness render it peculiarly suitable for our cool climate. As a fodder plant it provides abundant nourishment, and can be cured or made into ensilage. For building up soils Vetches are invaluable, gathering up nitrogen from the air and supplying to worn out or impoverished soils just the necessary stimulant so greatly needed. If sown alone sow about $2\frac{1}{2}$ bushels of seed to the acre. May be sown with $\frac{1}{2}$ bushel of Oats which should assist in holding up the crop and making it easier to handle at harvesting.

Per lb. .25; 5 lbs. \$1.00; postpaid; peck \$1.40; $\frac{1}{2}$ bushel \$2.60; bushel \$5.00.

Winter Vetch (Also called Sand or Hairy Vetch)

3286—Crop failed.

Buckwheat

3210—Japanese. Now being extensively grown by many of the most successful farmers in the West. It is early and very productive. The rich dark brown kernels are larger than the Silver Hulled. Buckwheat is coming into considerable prominence as a clearing crop. It makes excellent feed for cattle and hogs.

4 lbs. .70; postpaid; peck .75; $\frac{1}{2}$ bushel \$1.35; bushel \$2.50.

3211—Silver Hulled. A great improvement over the original sort. It is early, yields nearly double the quantity per acre and remains longer in bloom than other sorts. Buckwheat sown along with Timothy and Clover is an adaptable plan.

4 lbs. .70; postpaid; peck .60; $\frac{1}{2}$ bushel \$1.10; bushel \$2.00.

Speltz or Emmer

3209—The most striking characteristic of this plant is its drought resistant qualities and its immense yields are astonishingly large. The feeding value of Speltz is of the very highest. It has been grown in the United States and Canada in a large way for several years and each season its use increases considerably. No farmer should omit giving it a trial.

Speltz is an Agricultural wonder in many ways. It resists drought; it thrives on poor lands; it grows on stony lands; it flourishes in forest regions; it is exceedingly productive on our prairie lands; it makes a crop under almost any condition of soil; never fails to produce a harvest under any growing climate; endures extremes of frost; withstands heavy rains; resists high winds; is not susceptible to rust; is not inclined to smut; yields more than Oats, Wheat or Barley; is the equal to any grain for feed; the straw is highly relished by stock, much more than any other straw stubble; is an excellent fertilizer and it ripens very early; its increasing popularity and present great prominence ensures it a standing as a leading and standard cereal. It is eaten with relish by all kinds of stock.

1 lb. .20; 5 lbs. .70; postpaid; 50 lbs. \$1.75; 100 lbs. \$3.25.



Prices quoted are F.O.B. Brandon, except where otherwise noted.

This grain was admired by every one who passed it, Speltz seems to grow anywhere. We threshed 96 bushels from 90 lbs. of seed which you supplied. If I had sown a little heavier on better prepared land we would have had an enormous yield. The threshed grain is very plump and is good seed and I shall recommend everyone to grow a little. I must say that all the seed we had from you is good stuff, especially Speltz, potatoes and Marquis Wheat.

WM. SHELDRAKE
Valgean P.O.

Nov. 1st, 1915.

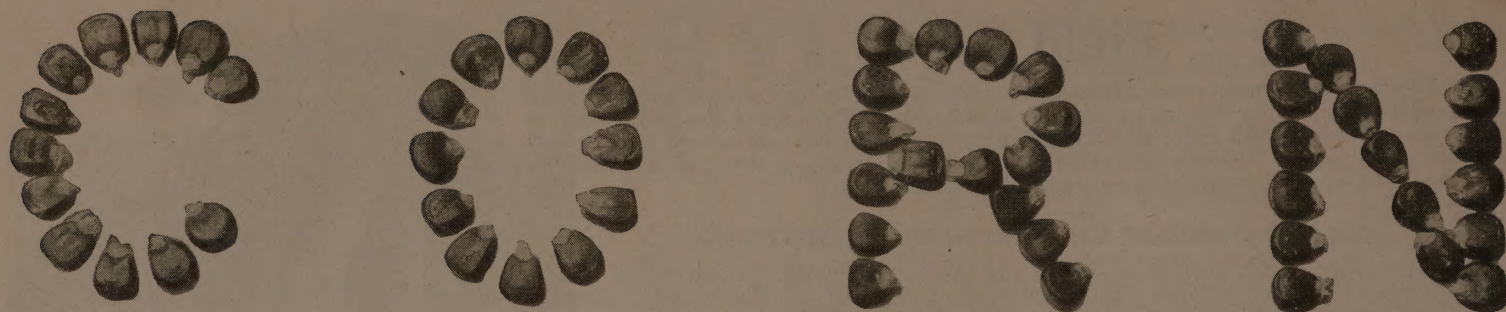
Just a Word about Selection

The meaning of "Selection." With us this is not a mere figure of speech. Let us explain. In the ordinary course of things seed is sown for the production of seed peas and beyond removing "rogues," wrong types, etc., nothing is done to improve the strain. Now McKenzie's Selected Stocks are grown differently. Every thing possible is done to improve the strain, which means that you get the best of their kind. McKenzie's are the best.

Re Canadian Beauty Peas. I may say that I was GREATLY PLEASED with the result both with regard to the QUALITY and QUANTITY. I seeded them at two different times and the women folks were SO WELL PLEASED with their FLAVOUR that they used them all season as green table peas so that I cannot say as to the exact output.

Sept. 21st, 1915.

PETER RITCHIE,
Zealandia, Sask.



Corn Growing in the West

For over sixteen years we have been advocating the more extensive and systematic growing of corn. That progressive farmers have been encouraged by our advice is perhaps best evidenced by the steady increase in our sales. Last season all previous records were eclipsed.

Corn is now an established factor in the agriculture of the West. Larger crops of wheat are produced after corn than summer fallow. In any scientific system of crop rotation corn must of necessity be recognized. In fact, one of the most encouraging features of experiments in crop rotation schemes has been the surprisingly large yield of all crops after corn as compared with the same crops after cereals.

1915 an Unfavorable Year

It was most unfortunate that the past season should have been so unfavorable climatically, in view of the considerably increased corn acreage that was planted. We would however strongly advise—especially those who have tried growing corn for the first time—another trial this year. Don't let last year's failure or partial failure deter you. Meteorological records show that we have not had such conditions to contend with for fifteen years, and it is possible that the like may not occur again in this generation.

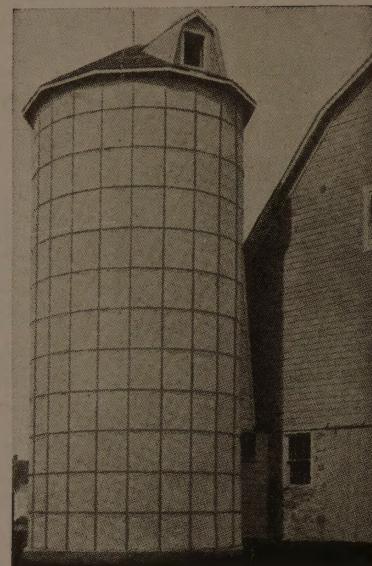
Northward Movement

PHYSICAL CHANGES.

The "Corn Belt" is undoubtedly moving northward. Some whose record in research and observation entitles them to respect and attention, have this movement worked down so fine that they make bold to state that it is moving north at the rate of ten miles per annum. We cannot, however, vouch for the scientific accuracy of this statement.



McKenzie's Northwestern Dent.
Grown in Sunny Alberta in 1915.



THE SILO

The introduction of the Silo was another important influence on the "movement." In Ontario this has revolutionized dairy farming, and we venture to prophesy that the day is not far distant, when Silos will be as familiar a feature of the landscape in Manitoba, Saskatchewan and Alberta as they are in Minnesota and North Dakota: Why not?

Hybridization, Selection and Acclimatizing of Varieties

Another important factor in the northward march, has been the **hybridizing, selecting and acclimatizing of varieties.** In this review we have given this feature third place, although its importance undoubtedly entitles it to rank **first.** As seedsmen, we naturally concede this point.

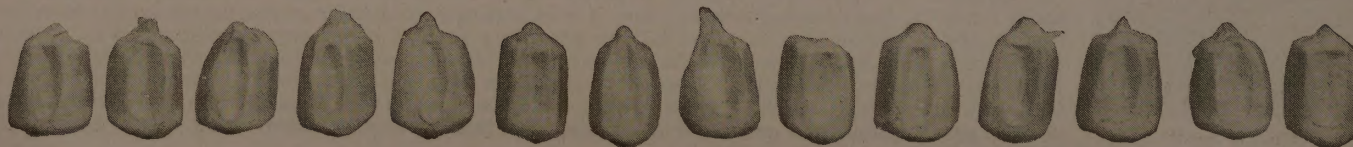
Some one has said that the best definition of genius is "the capacity to apply and maintain patience and perseverance." If that be so then he who would aspire to success in the improvement of plant life must possess the qualities of genius.

Corn responds readily to cross fertilization and selection. Wonderful improvements can be obtained in a very short period of time. This physiological feature, which on the one hand constitutes an advantage, on the other hand is a disadvantage as a stock will just as easily revert and become useless, if not very carefully and constantly re-selected.

These few facts will convey just as conclusively the necessity for care in the selection of Seed Corn as a whole volume.

Importance of Good Seed

The production of Seed Corn, true to type, of hardy vigorous constitution, of strong germination and high vitality is one of the most difficult tasks the seed grower has to face. Possibly no crop depends so much upon the quality of the seed. Poor seed means poor stand and weak stalks.



For Special Cash Prizes for Field Corn see page 54

Illustration
of Cobs
actually
produced in
Alberta
in 1915



McKenzie's Northwestern Dent

THE CORN THAT MOVED THE CORN BELT NORTHWARD

Twenty-one years ago **Northwestern Dent** was first introduced. Its success has been phenomenal in spite of the fact that the dark red color of the kernels was somewhat against it. By sheer force of merit it has pushed to the front, and to-day no variety is more universally popular.

For years our stock has been recognized as being specially adapted for the high altitudes, climatic conditions and short growing seasons of the Northwest. The old Scotch proverb well says, "Facts are stubborn chieftains that winna ding," and the illustrations on the top of this page and also on pages 52 and 54 speak far louder and more convincingly than anything we can write as to the undoubted superiority of our **Northwestern Dent** for the prairie provinces.

We have been carefully selecting and improving and this year offer two distinct types, both true **Northwestern Dent** grown and bred to emphasize certain features. We believe that they represent the best that money can buy.

STOCK No. E 84

Bred and selected for early production of Corn. Without a rival for earliness. Grown as far north as seed corn can be matured. Owing to late and early frosts and the unfavorable weather conditions, in the section where this stock was grown, crop was

short, and also required considerably more labor and expense than usual to cure and prepare for seed, as a consequence cost has been unavoidably increased. The fact that we were able to offer seed at all bears eloquent testimony to its adaptability as a corn producer. We advise customers to sow this stock if ripened corn is desired and stock **E 91** for general purposes.

1 lb. .35; 5 lbs. \$1.10; postpaid; 10 lbs. \$1.40; 20 lbs. \$2.50; 50 lbs. \$5.50 100 lbs. \$10.00. In Sealed Bags.

We expect **Northwestern Dent E 84** and **Quebec Yellow 28**, to be leaders in our Corn Competition. If you intend entering we advise your having one or other of these varieties.

STOCK No. E 91

This stock is ideal for siloing and Silo. Grows larger than **E 84**, producing more abundant succulent fodder. About ten days later in maturing than **E 84**, but ears can be produced and sufficiently developed to be useful and valuable for green feed.

Some seasons matured Corn can be obtained and a double advantage is thus secured. In our experience nine out of ten farmers in this Western country grow Corn for fodder and Silo purposes only. We confidently assert that this stock for fodder and Silo, is unrivalled.

1 lb. .30; 5 lbs. .80; postpaid; 1 peck .75; 1/2 bush. \$1.35; 1 bush. \$2.50; 5 bush. or more \$2.45.

The price of Corn at first glance may appear high, but as only 10 lbs. sown in hills and 20 lbs. in drills, per acre is required, it really constitutes a cheap seeding, and costs compare favorably with wheat or oats.

McKenzie's Earliest Yellow Dent

3302—This is just the corn that many corn growers in the Northwest have been looking for and will undoubtedly constitute another "forward step" in the "Northward Movement" of the "Corn Belt."

It is a pure yellow dent with a red cob. The stalks grow about seven feet high, the ears grow six to eight inches long and are produced two and one-half to three feet from the ground. The feature which distinguishes it from all other early varieties is the depth of the kernel, being deeper than any other early variety. This means that while the ears are smaller than **Northwestern Dent** it shells at least 10% more.

1 lb. .35; 5 lbs. \$1.10; postpaid; 10 lbs. \$1.40; 20 lbs. \$2.50; 50 lbs. \$5.50; 100 lbs. \$10.00.

McKenzie's Earliest White Dent

3303—This is practically the counterpart of our Earliest Yellow Dent, except that it is a pure white variety. There are many who have a distinct preference for white corn, we believe **McKenzie's White Dent** will fulfil every expectation. It grows to the same height, carries the same size ear and the same depth of kernel as **McKenzie's Earliest Yellow**. We have every confidence in recommending it.

1 lb. .35; 5 lbs. \$1.10; postpaid; 10 lbs. \$1.40; 20 lbs. \$2.50; 50 lbs. \$5.50; 100 lbs. \$10.00.

Minnesota No. 13 Yellow Dent

3224—This is an extremely handsome Yellow Dent variety, which as its name suggests, was raised at the Minnesota Experimental Station, from which source so many excellent productions have emanated. In Minnesota and North Dakota it is running **Northwestern Dent** very closely and in popularity is undoubtedly a very good second. It is not quite so early as the **Northwestern Dent**, but produces rather more fodder, and for this reason is preferred by some growers especially for Silo purposes. Dent varieties are best for the Silo as they are not so liable to become sour.

1 lb. .25; 5 lbs. .75; postpaid; 1 peck .75; 1/2 bushel \$1.30; 1 bushel \$2.40; 5 bushels or more per bushel \$2.35.

Improved Leaming Yellow Dent

3304—We specially recommend this variety for ensilage purposes, or for cutting for green fodder in the latter part of summer. It undoubtedly produces more abundant, leafy, succulent fodder than any other variety, in a normal season it will reach a height of from 12 to 16 feet giving an enormous tonnage per acre. For the Silo we recommend its being used in combination with such varieties as our No. 1 **Northwestern Dent**, **Quebec Yellow**, **McKenzie's Earliest Yellow Dent** or **McKenzie's White Dent**.

1 lb. .25; 5 lbs. .70; post paid; 1 peck .65; 1/2 bushel \$1.15; 1 bushel \$2.00; 5 bushels or more per bushel \$1.90.

Prices are f.o.b. Brandon, except where otherwise noted





Actual Photograph of Northwestern Dent grown in Alberta in 1915

Quebec 28 Yellow Flint

3305—This is one of the earliest maturing Flint corns. It has been bred and selected for the purpose of adaptation to short seasons such as we experience in the West. In comparative tests carefully conducted it proved to be ten days earlier than Longfellow. It produces better quality ears and fodder than any other early variety. For Silo purposes it is admirably adapted for using in combination with Improved Leaming, which gives the dual advantage of matured corn and succulent fodder. (Stock limited).

1 lb. .35; 5 lbs. .90; postpaid; 10 lbs. \$1.10; 20 lbs. \$2.00; 50 lbs. \$4.50; 100 lbs. \$8.00.

REGISTERED STOCK under the Canadian Seed Growers' Association Rules.

1 Ear .20; 10 Ears \$1.25 postpaid; 25 Ears \$2.00; 50 Ears \$3.50; 100 Ears \$6.00.

North Dakota White Flint

3222—We deleted this variety from our catalog last year, believing that its place would be filled by other well known varieties; in this however we were wrong, and the demand has been so insistent that we have been compelled to reinstate. North Dakota White, possesses features of remarkable hardiness, in fact we believe it will stand more hardship in the shape of extremes of heat and cold than any other variety and for this reason will no doubt retain its place among corn growers of the Northwest for many years to come. It usually attains a height of from 5 to 6 feet, the ears being borne 3 feet from the ground. It is very early and can be depended upon to mature medium sized ears in a normal season.

1 lb. .25; 5 lbs. .75; postpaid; 1 peck .75; ½ bushel \$1.30; 1 bushel \$2.40; 5 bushels or more per bushel, \$2.35.

Longfellow Yellow Flint

3221—This variety undoubtedly still retains its premier position among yellow flint varieties for the Northwest. In comparative tests conducted this past season with many other varieties, including much lauded new varieties, it stood out distinct and pre-eminent. It is very popular with dairymen and stockmen, provides abundance of appetizing and nutritious fodder, and even if cut down by frost in its early stages, as was the case this past season, it will come away again and give surprising results.

It is an eight-rowed variety with large well-shaped ears, averaging 9 inches long, produced about 3 feet from the ground. The stalk is very leafy and succulent and grows to a height of 7 feet.

1 lb. .25; 5 lb. .75; postpaid; 1 peck .70; ½ bushel \$1.25; 1 bushel \$2.30; 5 bushels or more \$2.25.

A Practical up-to-date Farmer's Opinion of Corn

In reply to yours regarding Corn I may say that this year has not been a very favorable year for Corn in this locality owing to the frost in June freezing the Corn plants off three times making it late, then the frost in the early part of August killing the Corn before it matured made it bad. I cut my corn soon as frost killed it and I have a fairly good crop of fodder. My opinion is that a Corn crop is just as safe a crop as a crop of Wheat and just as profitable one year with another. This is the third crop that I ever harvested and the farm I am on has been cropped for 30 years and I think I am safe in saying that I threshed the most Grain this year that ever was raised on this Farm in one year. I threshed 15,000 Bushels from less than 400 acres. I could not do that without stock and to keep stock we must have feed and Corn of the best.

Oct. 23rd, 1915.

C. O. P. Olts, Melita, Man.

When sending your order do not omit 25c each for bags

Prices are f.o.b. Brandon, except where otherwise noted

Prizes for Field Corn

We offer three Cash prizes of \$10.00 each for the best eight (8) ears of Field Corn grown in Manitoba, Saskatchewan, and Alberta respectively, from Seed supplied in 1916 by A. E. McKenzie Co., Ltd., Brandon, Man., or Calgary, Alta. Each Province will be judged separately. There is no entry fee and buyers of either large or small quantities are eligible.

Send in the eight Cobs whenever they are ready either by mail or prepaid express to Brandon, Man., but not later than Sept. 30th, with your name and address clearly and distinctly written on a card which should be placed in the parcel, also note on the card, when and where you bought the Corn and the name of the variety. A letter of advice should also be sent, stating that the Corn was grown on your farm, under your supervision, from our Seed, and the date on which the ears were gathered.

Ears will be judged on the basis of the undernoted score card

	Points
1. Trueness to Type.....	10
2. Shape of Ear.....	10
3. Purity of Color in Grain and Cob..	5
4. Vitality, Maturity, Germination power.....	20
5. Tips of Ears.....	5
6. Butts of Ears.....	5
7. Uniformity of Kernels.....	5
8. Shape of Kernels.....	5
9. Length of Ear.....	5
10. Circumference of Ear.....	5
11. Furrows Between Rows.....	5
12. Space, between Kernels at Cob....	10
13. Proportion of Corn to Cob.....	10
Total.....	100

Millets

Very Tender.
Highly relished by Stock.

A Grand Forage Plant

During the 1915 season our sales were heavier than ever before and it is evident that farmers would benefit by devoting liberal acreage to the growth of Millets. Their quick maturing propensities are of great advantage particularly to cover shortages in the hay crop and for smothering weeds. While grasses grow luxuriantly they nevertheless lack precisely that value in the sustenance of stock that only seed-bearing annual fodders like Millets can supply. Millets are very tender and highly relished by stock and those who farm intelligently can ill afford not to grow them. They do best on moist soil, summer fallow and spring plowing. 20 to 30 lbs. sow an acre. A good average quantity, if sown by drill, 25 lbs; if sown broadcast, use fully 30 lbs. May be sown any time from third week in May up to 1st July. Yield averages four to six tons per acre.

Hungarian Millet

3230—As the name implies this variety is a native of Hungary. It is very rapid germinating and withstands drought in a remarkable manner. It is essentially the variety to sow when the prospects of the hay crop are not promising.

Under favorable conditions it is capable of producing from two to four tons of high quality hay within six to eight weeks from date of planting. 1 lb. .20; postpaid; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.50. *Crop practically a failure.

NOTE:—Above offer is subject to stock being unsold on receipt of order and unless we have instructions to the contrary we will substitute Common Millet.

Common Millet

3232—Common Millet is exceptionally sweet and palatable and yields enormous crops of hay—from 4 to 5 tons per acre. It thrives on almost any soil, attains the height of four to five feet and will produce on an average 60 to 80 bushels of first-class seed per acre.

1 lb. .20; postpaid; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.50.

German Millet

3231—This is one of the earliest of the Foxtail Millets which reproduces itself freely from seed and at the same time retains character of growth and uniformity of type but as it bears so close a resemblance to the Common it is immaterial to the grower whether he sows this or Common. 1 lb. .20; postpaid; 25 lbs. \$2.25; 50 lbs. \$3.50; 100 lbs. \$6.00.

Japanese Millet

3233—Frequently referred to as the "Billion Dollar Grass" and "Barnyard Millet." Stands before all other varieties of Millet on account of its enormous yields of Hay which probably explains it being christened the "Billion Dollar Grass." Strange to say it has not received as much attention as Hungarian or Common. It is very difficult to obtain this variety entirely free from Buckthorn.

1 lb. .25; postpaid; 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.00.

Siberian Millet

3234—A native of Russia which came into popular favor in this country very quickly after its introduction a few years ago. Extremely hardy—very heavy yielder and is generally considered a good sort.

1 lb. .20; postpaid; 25 lbs. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.50.

Hog Millet

3235—Known also under the name of Broom Corn Millet. Grown particularly for Hog feed and is also in great demand by poultry farmers. Although the Hay will make good green fodder it is inferior to other Millets for this purpose. The kernels are larger than the seed of other Millets.

1 lb. .20; postpaid; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.

Sudan Grass

3280—This grass was introduced by the U. S. Government in 1909, where its merits were so convincingly and universally demonstrated, that it has become an established Forage crop over a large area where widely varying climatic conditions prevail. Its undoubted superiority as an annual provender crop in semi-arid districts induced us to strongly recommend our customers to give it a trial. We felt called upon to do so and thus maintain our reputation as the pioneer distributors in helping our Western Farmers to "make good."

Sudan is a tall annual grass, growing to a height of about four feet, easily cured and handled as a hay crop. Stock of all kinds eat it readily. No harmful effects follow feeding it to working stock. The food value is second only to alfalfa. Sow after all danger of frost is past. It is a seed-bearing plant of the Millet type. For a hay crop, sow broadcast at rate of 20 pounds per acre. A rather firm seed bed is best. The ground should be well prepared.

Referring to his exhibit at Dry Farming Congress, Denver, Colo., Mr. Seager Wilson, Rosthern, writes under date 13 October, 1915:—

In Sudan grass I won third place. The entry called for a bale of Sudan grass. I sent in this sheaf as a special exhibit, as it is the first time I have grown it. The sheaf was five feet tall and I may say that I feel convinced that it will have a place in the West. A few heads ripened seed and I allowed it to stand as long as possible to note what effect frost would have on it. A very hard frost of 18 degrees on September 14 cut it down, but it also cut all other crops down as well. Per lb. .50; 5 lbs. \$1.75; postpaid; 25 lbs. \$8.00; 50 lbs. \$15.50; 100 lbs. \$30.00.

GRASS AND CLOVER SEED MIXTURES.

Our experience and exceptional facilities for the mixing and preparation of suitable mixtures of Grasses and Clovers for special purposes are unique and we offer our complete service in this connection to all customers interested. We will at all times gladly quote prices or advise as to the most suitable and economical methods calculated to obtain the best results.

We recognize that laying down land to permanent pasture and alternate husbandry is in its infancy in Western Canada and we shall feel a personal interest in supplying the most profitable combination of Seeds that can be sown. ASK US.



There are more McKenzie's Seeds sold in the West than any other.



Three Great Grasses for the West

Brome (*Bromus inermis*)

Frost resisting Drought defying

Probably the most valuable and most generally used Grass in the Canadian West where it seems to be particularly adapted to. Ever since its introduction into Canada about 20 years ago the demand has steadily increased and to-day it is considered to be the leading Grass with Western Agriculturists. The reasons for this are readily explained by the following important facts.

- (1) Its ability to withstand sudden and decided climatic changes.
- (2) Its drought-resisting qualities are phenomenal.
- (3) In dry summers it produces more green food than any other Grass.
- (4) Will thrive on loose and comparatively poor land.
- (5) Especially valuable for seeding down light soil in this Western Country which is subject to "blow".
- (6) Flourishes under absolute neglect.
- (7) It is by far the best grass for pasturage purposes. It is better adapted as a pasture grass than for hay.

Its further usefulness is fully demonstrated by its adaptability to any soil, and its indifference to the tramping of cattle makes it especially important in sandy and gravelly pastures.

Pre-eminently the Grass of the Canadian West. Fourteen pounds is the quantity recommended per acre when sown alone for pasture; or seven pounds each per acre Brome and Western Rye grass will make a fine mixture for pasture or hay. May be sown any time up to 1st September if there is sufficient moisture and the ground is in shape.

(Postpaid)

	1 lb.	25 lbs.	50 lbs.	100 lbs.
3247—Gold Standard.	.35	\$3.85	\$7.25	\$14.00
3248—Gilt Edge.....	.35	3.50	6.75	13.00

The Alfalfa and Brome Grass I bought from you last June has done fine.
George B. Spellman,
Nov. 1, 1915. Parry, Sask.

Western Rye Grass (*Agropyrum tenerum*)

Easily Sown

Easily Grown

Easily Mown

This variety of grass, a native of Manitoba, originating some 20 years ago near Virden, from a few handfuls of seed, has, as its nativity must indicate, many advantages over all other grasses. It thrives anywhere and everywhere, requiring little, if any, care.

There are many farmers who are never without from 25 to 75 acres, and its cultivation is becoming more the rule than the exception.

There is no grass that flourishes on soil touched with alkali. However, Western Rye grass is least affected when grown on it.

It is valued most for its abundance of nutritious hay. Should be sown 15 pounds to the acre.

Although it affords excellent pasturage sown alone, for permanent pasture it is by all means preferable that it be sown with Brome, about 7½ pounds to the acre.

Fifteen pounds sown with 2 pounds of Alsike and 2½ pounds of Red Top a particularly fine permanent pasture can be established.

Many farmers desire or prefer to secure a grain crop the season the grass is sown; for this reason they sow with a nurse crop of grain; while not desirable it can be and is done, with considerable success. Western Rye sown alone continues for years to yield greater, than when sown with a nurse crop.

Our experience is that Western Rye exhausts the soil slightly more than most other grasses.

The light chaff-like seed is extremely difficult to secure clean. Our stocks are clean, free from noxious seed and highest germination.

(Postpaid)

	1 lb.	25 lbs.	50 lbs.	100 lbs.
3245—Gold Standard	.35	\$3.50	\$6.75	\$13.00
3246—Gilt Edge....	.35	3.25	6.25	12.00

Timothy or Catstail (*Phleum pratense*)

Conceded to be one of the most valuable and extensively cultivated grasses which increases in popularity as its merits become better known. Originated in the United States where it was cultivated by Timothy Hansen from whom it derived its name. It is of great nutritive value, very productive, and is considered the cheapest grass any farmer can sow. The Seeds being very small in size and produced in great abundance its cost is so economical that no farmer should omit to grow it. It contains much nutriment and animals have a particular fondness for it. It is a perennial and perfectly hardy throughout Western Canada. Grows in stools, never forms a compact sod. It attains perfection on rich clay and loam, in fact is better adapted to heavy than sandy soils; to moist, than dry localities. Being a moisture-loving plant it makes very heavy growth early in the season.

Timothy withstands extremes of cold better than any grass. Owing to its tendency to run out in a few years' time, it is not recommended for permanent pasturage.

Timothy succeeds equally well with or without a nurse crop of grain. Six pounds sown an acre. Sown alone, or with Red Clover, Timothy produces an exceptionally fine quality of hay, and for this purpose is extensively sown, although other grasses, particularly Brome, make better pasture.

Our stocks are exceptionally choice, plump, clean and high germination.

3243—Gold Standard,	1 lb. .35, postpaid;	25 lbs. \$3.50;	50 lbs. \$6.50;	100 lbs. \$12.00.
3244—Gilt Edge,	1 lb. .35, postpaid;	25 lbs. 3.00;	50 lbs. 5.50;	100 lbs. 10.00.

Prices on this page f.o.b. Brandon, except quantities listed postpaid.

Bags containing Grasses and Clovers 25c. each

OUR SEED CLEANING MACHINERY

and the general equipment of our warehouses are without doubt the most modern, complete and unexcelled in Canada. It is absolutely impossible for any Seedsmen to handle and distribute Seeds, particularly Grass Seeds, without having suitably designed machinery. We recognized this early and consequently made our arrangements accordingly. As a result we are in the finest position in the country to-day for offering PURE GRASS SEEDS from which all obnoxious weeds have been extracted. Our Seeds are highly machined and cleaned. Dependable of the highest type. Full Dollar Value.

McKenzie's Quality Grasses

Recognizing the fact that Grass Seeds of the finest quality are undoubtedly the most economical in use we would direct special attention to the following leading varieties of which we carry liberal stocks and can execute orders promptly. During the last decade a marked improvement has taken place in the demand for "better" seeds. It gives us pleasure to note this advance.

Modern Agriculture will no longer endure "happy-go-lucky" careless and wasteful methods. Intelligent and progressive management is the order of the day. Science and economy are here to stay. To increase the yield, to improve the quality, to enhance the value of the land, to create greatest remuneration and still maintain the fertility of the soil can only be profitably accomplished through a crop rotation of Grasses, Clover and Alfalfa. The inestimable value of Grasses for pasture and hay crops are so generally known that anything we might add would hardly emphasize their great utility for feeding purposes.



McKenzie's O.K. Pasture Mixture one week after cutting off a hay crop.

McKenzie's "O.K." Pasture Grass

3236—This specially prepared mixture of the most suitable permanent pasture grasses meets requirements in every particular and we confidently recommend it to our customers. It is the outcome of several years practical observation and test and will assuredly bring quick and certain results. It is composed of the most nutritive and productive species of Grasses suitable for laying down land to permanent grass and the quantity of each species is carefully regulated with the object of forming pastures that will yield in the shortest time after being laid down (and without any subsequent deterioration) the heaviest crops during the whole of each growing season. McKenzie's O.K. Pasture Grass will thrive under the most severe climatic conditions and will withstand the ravages of both weather and stock. This mixture makes a crop of hay that is hard to excel.

1 lb. .35, postpaid; 25 lbs. \$4.35; 50 lbs. \$8.25; 100 lbs. \$16.00.

Kentucky Blue Grass

It makes the sweetest and most nutritious pasture for all kinds of stock. The creeping underground stems of Kentucky Blue Grass enable it to withstand great drought and it is therefore of considerable value for growing in light, dry and sandy soils. Particularly adapted to Western Canada, and to establish pastures of the greenest verdure that will give highly profitable returns. Blue Grass does not get well started until the second year, as the seed is very slow to germinate. Once started, however, it amply offsets its apparent dormancy. The roots are so thick and stout that the tough sod thus formed makes an almost everlasting sward that permits of very heavy pasturing, year in and year out. Its feeding value is exceptionally high, as it makes one of the best, sweetest and most nutritious pastures or hay crops that can be grown. For lawns (without other grasses), it produces a most beautiful, thick, velvety carpet-like sward. This valuable grass should never be omitted from any Pasture Mixture.

Blue Grass seed usually weighs 20 to 22 lbs. per measured bushel; the seed we offer runs full 24 lbs.

3249—Gold Standard, 1 lb. .40; postpaid; 25 lbs. \$5.65; 50 lbs. \$10.75; 100 lbs. \$21.00.

3250—Gilt Edge, 1 lb. .40; postpaid; 25 lbs. \$5.50; 50 lbs. 10.25; 100 lbs. \$20.00.

WOOD MEADOW GRASS (Poa nemoralis)

3240—As its name implies this grass is suitable for sowing in woods as it is without an equal when sown under the shade of trees. Starts into growth early in the spring, the sward maintaining its green appearance until late in the year. Of dwarf and very fine growth it forms one of the principal grasses in mixtures intended for shady spots, pleasure grounds, or home lawns.

Gold Standard, 1 lb. .55; postpaid; 25 lbs. \$10.25; 50 lbs. \$20.25; 100 lbs. \$40.00



Red Top (Agrostis vulgaris)

3252—This is especially valuable sown as a mixture with Timothy, Brome, Western Rye or Clovers, as it is of a more permanent nature than other grasses. Should be fed close as cattle relish it more as a pasture than hay. It is very robust growing and establishes a tenacious protection growth for other grasses.

It grows most luxuriantly on moist, rich soils. It will produce a fair crop on coarse gravelly land and has succeeded on alkali land upon which other grasses have failed.

Gold Standard, 1 lb. .40; postpaid; 25 lbs. \$5.65; 50 lbs. \$10.75; 100 lbs. \$21.00.

Canadian Blue Grass (Poa compressa)

3251—Very similar to Kentucky Blue but is slightly coarser, and stem is more flat, while the Kentucky Blue can easily be distinguished by its round stem. Its chief value is in mixtures with other grasses.

It is very hardy, nutritious and tufty, and much used in permanent pasture mixtures.

It makes an exceptionally fine hay—greatly relished by stock of all kinds, very sweet and palatable.

It has a very heavy root system and will thrive and produce luxuriant growth on hard clay soils. Grows about two feet high. As with Kentucky Blue, once established it starts up in the early spring and remains green until freeze up.

Like all McKenzie's Seeds the quality of our Canadian Blue is the highest and will please the most exacting.

Gold Standard, 1 lb. .35; postpaid; 25 lbs. \$3.50; 50 lbs. \$6.25; 100 lbs. \$12.00.

CRESTED DOGSTAIL (Cynosurus cristatus)

3241—Although considered one of the most valuable grasses it has of late years fallen in the estimation of close observers of grasses for permanent pasture purposes. It is, however, a very useful grass for sheep pastures and lawns as it makes close, compact and fine growth. The value of this species is greatest at the time of flowering. If left until the seeds ripen the stems lose the whole of their nutritive value and are then not so palatable for stock. Thrives well on practically any soil and is in great demand throughout the Canadian West.

Gold Standard, 1 lb. .45; postpaid; 25 lbs. 7.50; 50 lbs. \$14.75; 100 lbs. \$29.00.

SHEEPS FESCUE (Festuca ovina)

3239—Being so similar in many respects to Hard Fescue this grass is used for the same purpose. An excellent variety for poor sandy soils. It is of very fine foliage and densely tufted, making it well suited for lawns.

Endures extremes of heat and cold and for this reason its cultivation in the Canadian West is annually increasing.

Gold Standard, 1 lb. .45; postpaid; 25 lbs. \$7.50; 50 lbs. \$14.75; 100 lbs. \$29.00.

HARD FESCUE (Festuca duriuscula)

3238—This grass is adapted to a great variety of soils but is most prevalent in those that are light and sandy. It possesses the quality of withstanding, in an exceptional degree, drought in summer and severe cold in winter. One of the best grasses in cultivation. When judiciously blended with other grasses adds materially in the making of a very close turf.

Gold Standard, 1 lb. .45; postpaid; 25 lbs. \$7.00; 50 lbs. \$13.75; 100 lbs. \$27.00.

MEADOW FESCUE or English Blue Grass (Festuca pratensis)

3242—It is generally acknowledged that this is one of the most valuable grasses, and is specially recommended for permanent pasture. It makes excellent hay. The leaves or herbage being succulent and tender. A leading authority speaks of it as "one of the most valuable grasses either for mowing or pasture, as it is very productive and the fodder good." Roots penetrate deeply. It withstands freezing very effectively.

Gold Standard, 1 lb. .45; postpaid; 25 lbs. \$7.00; 50 lbs. \$13.75; 100 lbs. \$27.00.

ORCHARD or COCKSFOOT (Dactylis glomerata)

3237—Pronounced by one of the leading authorities to be "one of the most valuable of all grasses because it will grow in all soils." It is a very common species growing in almost all soils. Though it looks coarse, it is one of the earliest, most productive, nutritious, and valuable of the cultivated grasses and it comes quickly to perfection. As its roots penetrate to considerable depth it withstands drought better than most other grasses, on light dry soils. In our opinion this valuable grass has only to be better known to be more appreciated and generally used.

Gold Standard, 1 lb. .40; postpaid; 25 lbs. \$6.25; 50 lbs. \$12.25; 100 lbs. \$24.00.

Prices quoted on Grasses, Clovers and Seed Grains are subject to change without notice.

Photographed by A.E. McKenzie Co., Ltd.



Above Alfalfa Roots give a clear understanding of their immense rooting system.

Alfalfa or Lucerne (*Medicago sativa*)

THE KING OF FARM CROPS.

THE QUEEN OF FORAGE CROPS.

No matter where this remarkable forage plant has been grown it has never failed to prove that it is superior to all others. After several years of our own practical tests and those of hundreds of our customers it stands out as

THE CROP OF THE FUTURE.

So great is our opinion of the wonderful economic feeding value of this plant that we are this season more enthusiastic than ever over its merits. As a leguminous crop which will both enrich the soil in nitrogen and humus and furnish a highly nitrogenous food for all classes of live stock, it stands pre-eminent. Although Alfalfa is one of the oldest cultivated forage crops known to man, it is only during recent years that it has become so popular. It is now considered by far the most valuable forage crop in the Western Provinces and deservedly so.

Notwithstanding repeated recommendations and expressions of confidence in the value of this crop there is still a large number of farmers who continue to grow anything and everything under the sun except Alfalfa, the most wonderful and most profitable crop in the world. It is to these we particularly appeal, feeling confident a trial will prove its great economic value.

To obtain best possible results it is very necessary to sow only the Highest Quality Seed. Our selected first grade stocks will satisfy in every particular. They are the result of many years' careful study of this particular section of our business and cannot fail to please the most critical.

ADAPTABILITY. The adaptability of Alfalfa to any climate is beyond question, as it has been successfully grown under most adverse conditions, in extreme climates, in all parts of the world. Excellent results have been obtained throughout Western Canada.

Alfalfa as a crop has come to stay.

It is of such importance to live stock production that it cannot help but increase at a tremendous rate. Only five years ago it was hinted that Alfalfa seed could be grown in Western Canada and generally the suggestion was ridiculed. To-day there is every evidence that Western Canada will become one of the greatest centres of hardy Alfalfa Seed production.

Alfalfa should be sown about the middle to end of May to a depth of three-quarters of an inch. The ordinary grain drill seeder is probably the best implement to use in seeding. Never seed with a nurse crop.

Liscomb Alfalfa

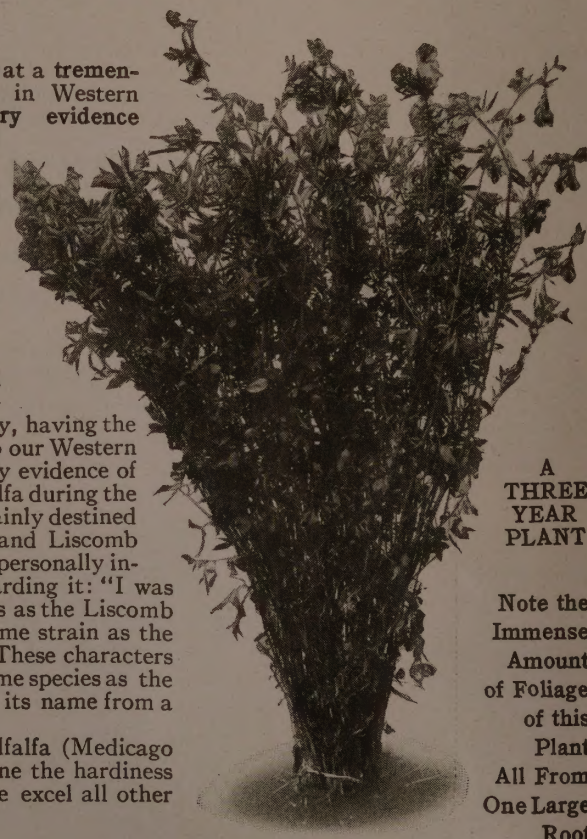
A NEW INTRODUCTION

3320—Offered and introduced by us for the first time this season after careful trial and thorough investigation. So convincing have the results of tests been that we recommend it with every confidence. It belongs to the same type as the noted Grimm variety, having the variegated flower, receding root crowns and the branched roots, and is eminently suited to our Western Country on account of its hardiness, which is its chief characteristic. It has given every evidence of ability to resist winter killing and withstands drouth. Studies and experiments in Alfalfa during the past few years have brought a new era in Alfalfa production and this grand variety is certainly destined to eclipse some of the older sorts. The demand for Hardy Seed is bound to increase and Liscomb will undoubtedly meet it. Professor Atkinson of the Montana Agricultural College who personally inspected the field from which our stock was procured, writes in the following terms regarding it: "I was very much interested in the alfalfa seed field on your Section 20. Believe you spoke of this as the Liscomb field. From my examination of the plants, it is quite evident that this belongs to the same strain as the Grimm. It has the variegated flower, the receding root crowns and the branched roots. These characters are quite marked and I think you will be justified in stating that this belongs to the same species as the Grimm, i.e., the *Medicago media*. As you probably know, Grimm Alfalfa merely gets its name from a man on whose farm it first became prominent.

"The *Media* species is evidently a cross between the common purple-flowered alfalfa (*Medicago sativa*) and the yellow, trailing alfalfa (*Medicago falcata*). The cross seems to combine the hardiness of the yellow-flowered variety with the productiveness of the other and seems to quite excel all other species in many sections of the country."

Price, 1 lb. .55; postpaid; 25 lbs. \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.00.

We recommend "Farmogerm" for Alfalfa see page 96



A
THREE
YEAR
PLANT

Note the
Immense
Amount
of Foliage
of this
Plant
All From
One Large
Root

ALFALFA

Cossack—Hansen's Hardy or Siberian

3321—This alfalfa was discovered by Prof. Hansen of the South Dakota State College, in the high, dry steppes of Siberia. It belongs to the same type as Grimm's, viz., variegated, evidently a natural cross between the yellow-flowered *Medicago falcata*, and the blue-flowered *Medicago sativa*. That it is hardy goes without saying. The fact that it was found growing wild on the Siberian plains proclaims its hardy constitution being subjected to that most rigorous selector—Nature—which recognizes no law save the survival of the fittest.

In the opinion of Prof. Bracken of Saskatoon this Cossack variety is a very promising sort.

It is a tall growing variety suitable for growing for hay rather than for pasture.

The seed stock is naturally somewhat limited, and as a consequence is rather high in price preventing its being tried out on anything like a commercial scale in comparison with other varieties. We believe that its inherent hardy constitution and its adaptability to dry land conditions, will ensure it a place in the Agriculture of the West.

We have a suggestion to make in regard to this variety, that is—sow a small quantity mixed with either our Northern Grown or Turkestan. The pollen of the purple-flowered will be carried to the variegated. Cossack is a very free seeder, much more so than either of the others.

This will ensure regular renewal of the crop by the annual growth from self-sown seed, and would doubtless result in the evolution of a hardier and acclimatized type. The seed we offer is the genuine product of the original stock. Quantity available limited.

1/4 lb. \$1.50; 1/2 lb. \$2.75; 1 lb. \$5.00. Postpaid.

Grimm

There has been a very large demand for this seed on account of its extreme hardiness and productiveness, and it is conceded by many that it is one of the hardiest and highest types of Alfalfa grown. Unfortunately it is a shy seeder, consequently the supply is not always equal to the demand, and stocks being limited, can only be offered subject to being unsold. We obtain our stock direct from the source of supply and from reputable growers. We know it is Genuine Northern grown—choice, clean, plump seed of Grimm variety and better stock cannot be obtained anywhere. In view of the possibility of the demand being greater than we anticipate we suggest that customers give us the option of sending either Northern or Turkestan in place of Grimm—in the event of our being sold out of the latter.

We have two stocks of Grimm, one, the seed of which was produced in "Alberta," and the other is "imported." Either will give good results.

We also have some "Baltic" a variegated variety, which was produced in Alberta. Prices of these three stocks are as undernoted.

3257—Grimm—Alberta grown. 1 lb. .80 postpaid; 25 lbs. \$17.00; 50 lbs. \$33.00; 100 lbs. \$65.00

3258—Baltic—Alberta Fgrown...1 lb. \$1.10; postpaid; 25 lbs. \$24.50; 50 lbs. \$48.00.

Northern Grown

To those who hesitate or find it difficult to make a selection either as a trial or for extensive cultivation we strongly recommend Northern Grown. There is considerable diversity of opinion as to the merits of the different strains of Alfalfa, but no doubt the Northern Grown is hard to beat. The seed we offer to our customers is fully matured, and will give satisfaction to all who grow it. It is noted for its hardiness and ability to withstand severe conditions—a particular adaptability to the cool climates and varied soil conditions of the Canadian West.

Our seed is genuine, plump, fully matured, free from noxious weeds and of highest possible germinating capacity. The plumpest and finest colored on the market.

3253—Gold Standard. Price, 1 lb. .50 postpaid; 25 lbs. \$8.65; 50 lbs. \$16.75; 100 lbs. \$33.00.

3254—Gilt Edge. Price, 1 lb. .50; postpaid; 25 lbs. \$8.35; 50 lbs. \$16.25; 100 lbs. \$32.00.

Turkestan

This variety is preferred by many of the largest and most experienced growers in the west where it has succeeded so well that there can be no doubt as to its successful cultivation and adaptability to our soil and climatic conditions—in fact, it is one of the best varieties that has ever been used in Western Canada.

Grown in the high altitudes of Turkestan where adverse climate prevails and severe soil conditions exist, this seed lends itself readily to the Canadian West. The seed we offer is exceptionally choice, guaranteed "Genuine Turkestan grown"—free from dodder, Yellow trefoil, etc.

3255—Gold Standard. Price, 1 lb. .45, postpaid; 25 lbs. \$7.35; 50 lbs. \$14.25; 100 lbs. \$28.00.

N.B.—Turkestan and Northern Grown are our two heaviest sellers.

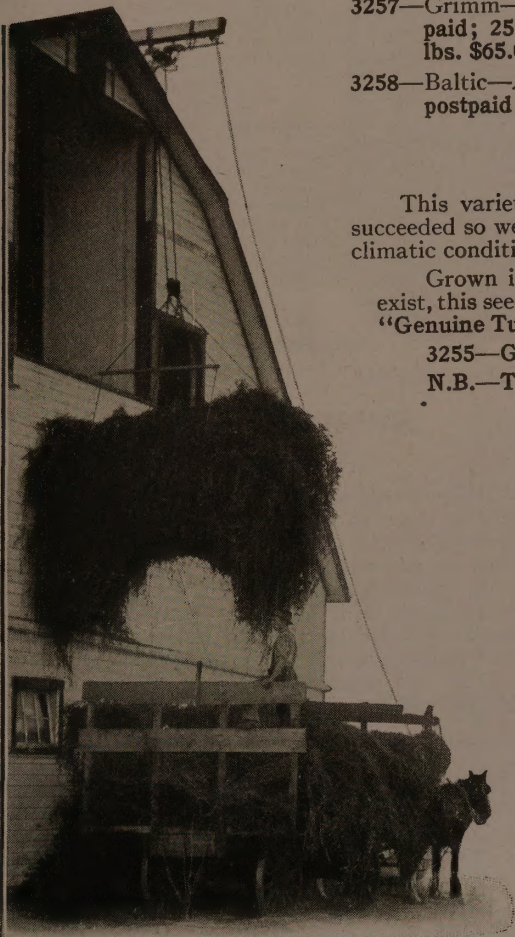
Pointers About Alfalfa

1. Alfalfa grows successfully anywhere in Western Canada.
2. Alfalfa is more than profitable—it produces from 3 to 7 tons hay to the acre.
3. Alfalfa will grow two crops a year.
4. Alfalfa enriches the soil.
5. Alfalfa fed as a soiling crop will feed five milch cows per acre.
6. Alfalfa does not exhaust the soil.
7. Alfalfa in money is worth 45 per cent more than Clover.
8. Alfalfa in money is worth 60 per cent more than Timothy.
9. Alfalfa will "lift a mortgage" quicker than any other crop.
10. Alfalfa is greatly relished by all kinds of stock.
11. Alfalfa produces a stream of never-failing wealth.

GROW ALFALFA

Prices on Alfalfa, Grasses and Grains are f.o.b. Brandon, except where otherwise noted.

To make McKenzie's Seeds the greatest single force in Western Canada for improving Agricultural conditions and increasing the profits of the farm is our one aim, our earnest desire.



McKenzie's Tested Clovers

A personal chat with you on quality.

Can you advance any argument why you should sow any but the best? Possibly you may say there are "cheaper" seeds than those offered in this catalog. Very good, we agree—but have you overlooked the fact that "cheapness in price" is synonymous with "cheapness in quality"? The first cost of high quality re-cleaned Clover seed of proved germinative power is infinitesimal comparatively with the value of the crop you harvest. The land occupied and labor used in cultivation of the crop are greater than the cost of the Seed. Why risk sowing cheap seeds? It's not what you pay for seeds but what you get for what you pay that counts. Clover can be grown successfully in any Western Province and we strongly advocate its more general use. Our booklet entitled "Clovers in the Canadian West" is free to customers for the asking and contains much useful and interesting information.

Mammoth Red Clover

Somewhat later than Common Red Clover it is very valuable for fertilizing purposes and restoring humus to the soil. Like our Common Red Clover, the Seed of Mammoth Red Clover is Northern Grown, producing a quality unequalled for hardness.

3270—Gold Standard—1 lb. .50 postpaid; 25 lbs. \$8.75; 50 lbs. \$17.00; 100 lbs. \$33.00.

Common Red or Broad Clover

(*Trifolium pratense*)

Decidedly the most valuable variety, and by far the most popular in the Canadian West. Its peculiar adaptability and robust habit of growth make it particularly desirable. Sown alone or with a nurse crop of Barley, Oats or Rye it is perfectly hardy.

IMPARTS NEW VIGOR TO THE SOIL

Our seed of this variety is Northern Grown consequently has that strong robust life necessary to produce strong vigorous plants of the healthiest type. It is only by the use of Northern Grown Clover that the widespread and general use of CLOVER in the Canadian West has become possible. This can be amply demonstrated by sowing our Northern Grown Red Clover alongside of seed secured elsewhere. Its ability to withstand adverse climatic and soil conditions, makes it of

SPECIAL VALUE TO THE GROWER

establishing a Clover field. Northern Grown withstands adverse climatic and soil conditions under which most types succumb. Our Seed is re-cleaned seed of exceptional purity, tested for germination, fine color, plump and guaranteed to be Genuine Northern Grown.

3259—Gold Standard—1 lb. .50 postpaid; 25 lbs. \$8.50; 50 lbs. \$16.50; 100 lbs. \$32.00.

3260—Gilt Edge—1 lb. .50 postpaid; 25 lbs. \$8.25; 50 lbs. \$16.00; 100 lbs. \$31.00.



Photographed by A. E. McKenzie Co., Ltd.

A Crop from McKenzie's High-grade Clover

ALSIKE CLOVER (*Trifolium hybridum*)

Introduced from Alsike in Sweden from whence it derives its name and has proven of almost incalculable value throughout the West. It grows as tall as Red Clover and produces abundant crops. It is valuable for either hay or pasture. Alsike is very leafy, frequently producing as much hay as Mammoth Red Clover, is well suited to our seasons

PRODUCING HEAVIEST CROPS

in moist rather than dry seasons and succeeding better than any Clover on heavy soils. The Northern Grown Alsike seed has been bred to withstand severe changes of climate and a more hardy strain is unobtainable.

3275—Gold Standard—1 lb. .50 postpaid; 25 lbs. \$8.00; 50 lbs. \$15.50; 100 lbs. \$30.00. 3276—Gilt Edge—1 lb. .50 postpaid; 25 lbs. \$7.75; 50 lbs. \$14.50; 100 lbs. \$28.00.

White Clover

(*Trifolium repens*)

3261—White Clover, sometimes referred to as White Dutch, is very suitable when sown along with grasses for grazing. It should never be sown alone. It is frequently used in Lawn Grass Mixtures but should not be included in lawns subjected to much trampling. It is one of the hardest of Clovers, flourishes well on soils rich in humus. There is a great scarcity of good seed this season, consequently price is higher.

1/2 lb. .55 postpaid.

The sweet clover seed I purchased from you is growing well. It is growing better than the Red Top and Western Rye on the same land.

WM. H. OLIVE,
Ellisboro, Sask.

Sept. 18th, 1915.

Clover Seed. I am pleased to inform you that the seed germinated exceedingly well. It was sown on a piece of very light land. My cows, calves and pigs all eat it as greedily as any food I have yet fed.

THOS. A. JOHNSTONE,
Virden, Man.

Sept. 20th, 1915.

SWEET CLOVER (*Melilotus alba*)

3273—Whether Sweet Clover will ultimately take a place in progressive Agriculture in the West is still an open question. At the present time we can only say that many farmers who have given Sweet Clover an extended trial speak highly of it for pasturage and hay. The Stock we offer is the best obtainable and we shall appreciate further reports from customers. 1 lb. .50 postpaid; 25 lbs. \$8.50; 50 lbs. \$16.50; 100 lbs. \$32.00.

Regarding Sweet Clover this was seeded in the early season and has made remarkable growth. It seems to be a very strong, healthy and vigorous plant. As to its value for feed we know nothing. We hope to try it this winter as we will be cutting it at once.

C. S. NOBLE,
Sept. 24th, 1915. Nobleford, Alta.

Prices f.o.b. Brandon, except quantities listed postpaid

McKenzie's FLOWER SEEDS Captivate the West



Photographs of Customer's Garden in Russell, Man.

**YOU can grow flowers like these
if you use MCKENZIE'S SEEDS**

The undernoted tables show the *varieties* suitable for *special purposes*. **Annuals** grow from seed, bloom and die the first season. They give best results if started in shallow boxes about four weeks before time for outdoor transplanting. **Biennials** bloom the second season, then die. **Perennials** bloom the second season and continue to grow and bloom for many years. Upon every packet of seed we supply will be found full *cultural instructions*.

Abbreviations—The initials bear the following significations —
H.A.—Hardy Annuals. H.H.P.—Half Hardy Perennials.
H.H.A.—Half Hardy Annuals. H.C.—Hardy Climbers.
H.B.—Hardy Biennials. H.H.C.—Half Hardy Climbers.
H.P.—Hardy Perennials. G.P.—Greenhouse Plants.

SHOWY FLOWERS For Backgrounds and Borders

Achillea	Lathyrus latifolius
Aconitum	Linum
Antirrhinum	Lupinus
Anchusa	Lychnis
Anthemis	Malope
Aquilegia	Marvel of Peru
Arctotis	Nicotiana
Campanula	Nigella
Canterbury Bell	Oenothera
Carnation	Pentstemon
Celosia	Physalis
Centaurea	Platycodon
Chrysanthemum	Ricinus
Coreopsis	Rudbeckia
Delphinium	Salpiglossis
Dimorphotheca	Scabiosa
Eryngium	Schizanthus
Gaillardia	Silene
Globe Amaranth	Statice
Heliopsis	Stocks
(Sunflower)	Stokesia
Hollyhock	Sweet Sultan
Kanifussia	Sweet William
Kochia	Veronica
Larkspur	Vinca

CLIMBING PLANTS

Balloon Vine	Momordica Balsamina
Canary Bird	Nasturtium Tall
Cobaea Scandens	Nasturtium Lobbianum
Convolvulus major	Sweet Peas
(Morning Glory)	Thunbergia
Dolichos	Wild Cucumber
Humulus	

FLOWERS FOR POTTING

Abutilon	Fuchsia
Asparagus	Geraniums
Begonia	Gerbera
Calceolaria	Gloxinia

Carnation
Cineraria
Coleus
Cyclamen

SHOWY FLOWERS For Beds and Massing

Aster	Marigold
Calliopsis	Nasturtium Dwarf
Calendula	Nemesia
Dahlia	Petunia
Dianthus (Pinks)	Phlox
Eschscholtzia	Poppy
Gaillardia	Pyrethrum hybridum
Godetia	Verbena
Hunnemannia	Virginian Stock
Mignonette	Zinnia

PLANTS FOR HANGING BASKETS VASES, VERANDAH BOXES, ETC.,

Asparagus Sprengeri	Heliotrope
Abronia umbellata	Lobelia Tenuior
Convolvulus	Nasturtium Dwarf
Mauritanicus	Schizanthus
Geranium	Thunbergia

FLOWERS FOR EDGING

Ageratum	Marigold Legion of Honor
Alyssum	Pansy
Arabis Alpina	Portulaca
Bellis perennis	Pyrethrum aureum
Forget-me-not	Tagetes signata pumila
(Myosotis)	Verbena erinoides
Lobelia	

FLOWERS FOR WREATHS AND WINTER BOUQUETS

Rhodanthe	Acroclinium
Xeranthemum	Helichrysum

FLOWERS FOR BOUQUETS

Asparagus	Cosmos
Asperula	Gypsophila
Aster	Honesty
Carnation	Nigella
Chrysanthemum maximum	Ornamental Grasses
Chrysanthemum New Perennial	Schizanthus

FLOWERS FOR CUTTING Suitable for House Decoration

Achillea	Hunnemannia
Anemone	Larkspur
Anthemis	Marigold
Aquilegia	Mignonette
Arctotis	Nasturtium
Argemone	Ornamental Grasses
Asters	Pansy
Calliopsis	Pentstemon
Campanula	Physalis
Centaurea	Platycodon
Chrysanthemum	Pyrethrum hybridum
Cosmos	Rudbeckia
Dahlia	Scabiosa
Delphinium	Schizanthus
Dianthus	Statice
Dimorphotheca	Stevia
Eryngium	Stocks
Eschscholtzia	Stokesia
Gaillardia	Sweet Peas
Helianthus (Sunflower)	Zinnia

FLOWERS FOR CEMETERY

Alyssum	Chrysanthemum maximum
Anemone japonica	Chrysanthemum New Perennials
Aster, white	Geraniums (see plant list)
Bellis perennis Mammoth White	Pansy
Candytuft Empress	Phlox, white
Campanula persicifolia	Stocks 10 weeks, white
alba Backhousiana	Vinca alba

Sweet Peas

The Grandest Creation of the Flower World

McKenzie's Selected Strain

The Queen of Annuals

"I have found this—after four score years I maintain this—that there is NO recreation which brings so much happiness and brightness to a man's life as the recreation of Horticulture."

Dean Hole.

McKenzie's Special Selections are grown in nearly every home garden throughout the West and are being used each year on account of the loveliness of the novelties recently offered. No garden-lover should omit this increasingly popular flower from his order. There appears to be no finality to the improvements and new creations of exquisite form and color which are introduced year by year.

Realizing that there is likely to be a greater general demand for Choice Mixed Sweet Peas of First Grade Quality that can be relied upon to produce the greatest variety of form and color we first introduce you to this page devoted to all our mixtures.

McKenzie's Mixed Spencers

Absolutely the Grandest Garden Flowers you can grow. There are many enthusiastic lovers of gardens who wish to obtain a continuous and varied supply of bloom throughout the summer months, who find it somewhat expensive to purchase all the named varieties of their own choice and it is to these customers McKenzie's Prize Mixed Spencers will appeal.

The colorings are artistically charming, ranging from daintiest white, purest and most delicate pinks, to beautiful crimson and darkest maroon. The wings and standards are large and gracefully poised, some in open formation, in others the undulations diminish fan-like into dainty waves at the margin, giving a harmony of varied color tones undreamed of. The immense size, exquisite color and grotesque shapes, combined with their exceptional hardiness make their culture a most delightful pastime.

Although exceptionally hardy and in many cases thriving under positive neglect, there is no flower seed in which the vitality of the seed used is so absolutely essential to its fine growth, fine bloom, strong plants and healthy flowers as the Sweet Pea. Sweet Peas are a Specialty with us. We pay a Premium for our seed, and we know ours is the best in the world, bar none.

3060—Pkt. .10; oz. .25; 1/4 lb. 80; 1/2 lb. \$1.50

Laura Bell Superb Mixed

This strain of improved large flowering Sweet Peas is composed of the highest types of named sorts, with a beautiful range of colors mixed to a perfect blend, many of them the newest and best hybrids, remarkable for their beauty, size, form and sweetness.

2993—Pkt. .05; oz. .25; 1/4 lb. .50; 1/2 lb. .90; lb. \$1.50

Eckford's Hybrids, Mixed

This mixture of international reputation is composed of the largest flowered or Grandiflora type of Sweet Peas, and an immensely wide range of magnificent colors of proper proportions.

2998—Pkt. .05; oz. .15; 1/4 lb. .40; 1/2 lb. .65; lb. \$1.00

Cupid Mixed

A very popular dwarf Sweet Pea in a choice array of colors, suitable for pot culture or for the edgings of a flower border. July-September.

2999—Mixed, pkt. .05

McKenzie's Prize Mixed Grandifloras

Next to the radiant Spencers, we point with pride to these majestic beauties. The standards are bold and broad, the wings large and wide. The flowers are immense, beautiful and striking, with a richness of unmatched effect.

The large round open flowers are exceptionally fine for cutting.

Like the Spencer Sweet Peas, the Grandiflora types are being continually improved, more perfectly developed and new tints produced. As fast as such are introduced we add them to this mixture, which is in every manner kept right up-to-date.

Delicately sweet scented, with a wonderfully deep rich range of color, the vines are a veritable sheet of bloom.

Of a strong, vigorous growth, they bloom earlier and continuously until late fall, withstanding considerable frost.

2988—Pkt. .10; oz. .30; 1/4 lb. .75; 1/2 lb. \$1.25; lb. \$2.00



Photo by A. E. McKenzie Co., Ltd.

Senator Sweet Pea

McKenzie's "Choice Mixed" Sweet Peas contain many of the best NAMED Sorts

McKenzie's Spencer Sweet Peas

Chiefly concerning the newest and latest introductions.

As in all other departments of the Seed business we excel in Sweet Peas and the latest novelties in the **Spencer** Section are here described. There are others; but, in our opinion, the following varieties are **par excellence** and will bring delight and pleasure to those who grow them. Remember, they are the pick of the World's very latest Novelties.

Last Season we received a very spontaneous response to the new Spencers offered in our Catalog, which proves that customers appreciate and look forward with keen expectancy to the latest introductions each year.

That Sweet Peas are rapidly growing in popularity is a certainty which encourages us to cater for the increased demand in such a way as will enable our customers to procure the very latest and best.

No plants that we know of give such an abundance of flowers for cutting at so small a cost, or with so little trouble as do Sweet Peas. The flowers are very Sweet Scented and may be had in all the most delightful shades of color.

Sweet Peas may be grown in any garden, even in a back yard or in the centre of a lawn, in tubs or flower pots, provided they have good soil and are properly cultivated. The more flowers you cut, the more freely will they bloom.

I can in all fairness say that your Sweet Peas have been very satisfactory. No. 3010 I was well pleased with, nearly all the stems having three blossoms. No. 3003 has always been very satisfactory, the stems are long with three to four sprays each. No. 3021 I regard as a splendid pea when well grown. I have found their stems very long with three to four sprays of flowers, and they bear their long stems and large flowers for a great length of time. No. 3039, the stems are of satisfactory length and the plants bloom very freely.

J. G. WEBSTER,
Hedley, B.C.

October 9th, 1915.

Seven Newest Spencers

All Highly Recommended

Alfred Watkins

3000—A pure, clear, clean lavender. Distinct from all others. Raised by one of the leading Sweet Pea Growers and is sure to be in great demand. Pkt. .25.

Edward Cowdy

3001—A glowing orange scarlet of the largest size, producing four flowers to a stem; well waved and of exquisite form. Pkt. .35.

Fiery Cross

3002—This variety is at once unique in its distinctiveness and has been appropriately named. It has all the appearance of actual fire the colour being a scorching fire red, without any shading, which scintillates and glitters in the bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Produces beautifully waved and fluted flowers. Pkt. .25.

Lord Nelson Spencer

3005—Of rich, deep, navy blue color. An excellent variety destined to become very popular. Pkt. .25.

Norvic

3006—One of the largest flowers and best strains of White Spencer Sweet Peas yet introduced. Very large blooms, exceptionally well waved. Quite fixed in character. Pkt. .25.

Orangeman

3007—A very fine large-flowered variety of true Spencer form. Rich deep orange color, beautifully waved. Pkt. .35.

Yarrawa

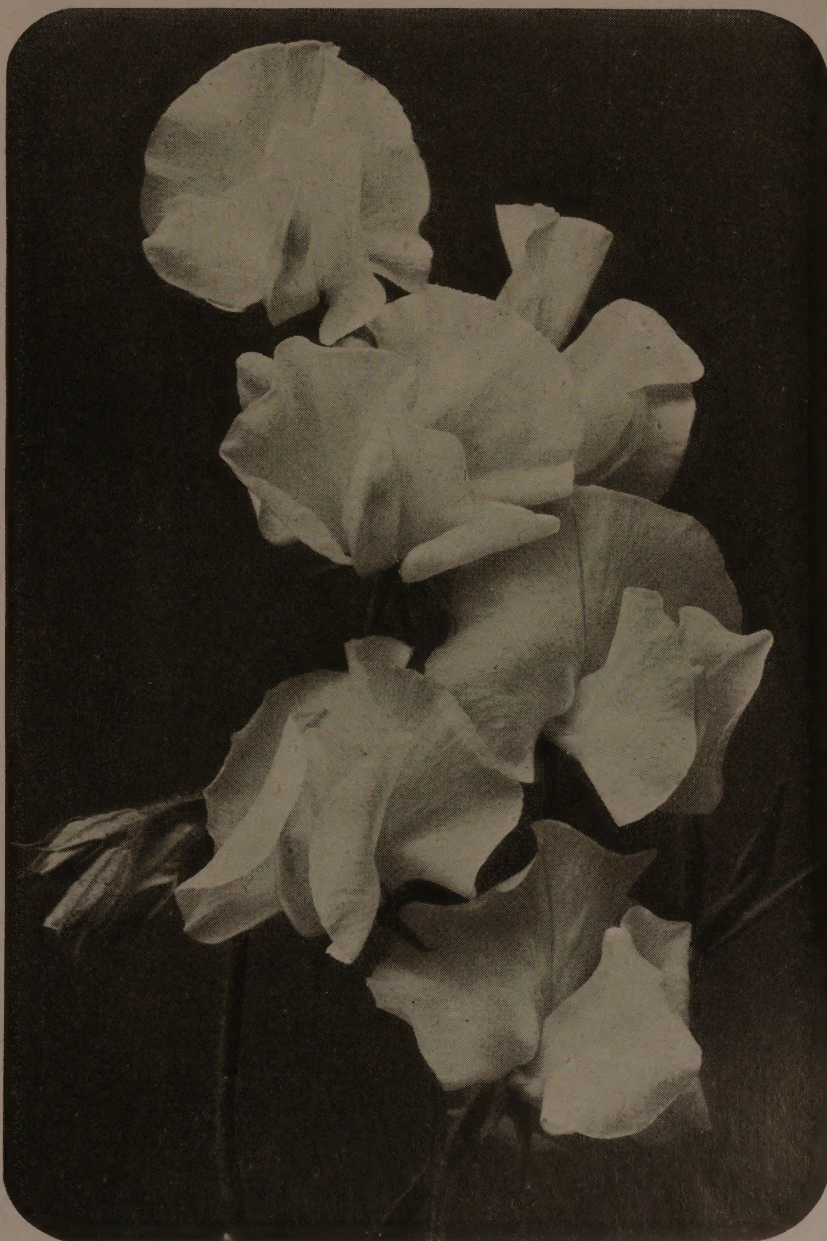
3011—Originated in Australia. Flowers exquisitely waved produced in fours on extra long strong stems. Color bright rose pink with a clear creamy base. Pkt. .35.

I have pleasure in saying that the Sweet Peas were excellent; we never have had as nice at any time.

J. H. ROSS,
September 23rd, 1915. 134 Mile House, Cariboo Rd., B.C.

I had some specially fine Sweet Peas this year grown from your Seed. Also the Vegetables, especially Vegetable Marrow and Beet root were a splendid success.

A. VIPON,
Oct. 1st, 1915. Noyes Crossing, Alta.



Alfred Watkins

Photographed by A. E. McKenzie Co., Ltd.

Our Sweet Peas are the cream of the latest creations of this Popular Flower.

Photographed by A. E. McKenzie Co., Ltd.



Mrs. Harcastle Sykes

VEILED BRIDE SPENCER

3061—This is truly a marvelous creation, exquisite and unique in its markings. The standard and wings are true Spencers, hence very beautiful.

Veiled Bride has an ivory ground sprinkled and marbled with light pink. While somewhat deeper at the margins it is decidedly uniform. Our strain comes absolutely true. Pkt. .25.

JESSIE CUTHBERTSON SPENCER

3055—This is one of the most attractive and striking Sweet Peas yet added to the Spencers. Here is the description, judge for yourself. It is a primrose ground, well marked with crimson pink stripes, blotches and flakes. The general effect is one of golden rose. Any one with a fondness for Sweet Peas will be enraptured with Jessie Cuthbertson Spencer. Pkt. .25, oz. .75.

HELEN PIERCE SPENCER

3054—Helen Pierce is a most fascinating type. Our strain is the best we have seen. It is a bright blue, overlaid and marbled on ivory white. The marbling very bright in the early season grows softer and daintier with the advancing season. Pkt. .25.

Ask for our booklet "Sweet Peas and their Culture" Free to Customers

McKenzie's Spencer Sweet Peas

(Continued)

THE MOST ELEGANT FLOWER THAT GROWS

Notwithstanding the very valuable and pleasing novelties of more recent introduction there is an ever growing demand for the Spencer type of Established varieties. It is not an easy task to adequately describe and sum up the many pleasing characteristics of these lovely flowers. The many types, forms and colors, seem to be almost illimitable, and those lovers of gardens who do not devote some time and space to the culture of Sweet Peas have surely lost one of the most delightful pleasures of the flower garden. Make a start this year. Since the introduction of Sweet Peas such a large number of varieties have been placed on the market that it requires careful discrimination in selecting the most desirable to grow.

We have our experts continually on the look out for the earliest announcements of "something new"; once discovered, its merit established, we give it a trial; some we keep, others we reject, selecting the choicest. We believe our list is the best and most comprehensive in Canada.

Never in the history of the Floral Kingdom have so many striking and wondrous effects been developed from any one flower.

In many strains the colors are of secondary importance as the unusual shapes are so handsomely conspicuous.

The stems are very long and strong, often bearing four immense blossoms and remain in bloom much longer than the older types.

This magnificent race of Sweet Peas has already practically superseded all the old varieties.

We wish to inform our many Sweet Pea customers that each and every variety mentioned below, exquisite and beautiful Spencers, are the most popular types of the day.

Each having distinct characteristics, these varieties are, in our estimation, the very choicest of the Spencers.

I am again sending an order though small. You should have seen my garden last year. I never saw anything like the growth and the sweet peas from your seed were lovely. I only hope I'll have as good luck again this year. I also received your seeds in such good time.

I am,

MRS. SHERIDAN LAWRENCE,
North Vermilion,
Peace River, Alta.

Jan. 18th, 1915.

Other New and Late Spencer Beauties**ROYAL PURPLE SPENCER**

3050—The world over, a preference is shown for purple flowers and there is no denying it is a most gorgeous coloring.

This same shade does not exist in the Grandiflora types of Sweet Peas. It is a true Spencer type and the color is a true rich royal purple. We advise every lover of the beautiful in sweet peas to include this in their order. Pkt. .25.

WEDGEWOOD SPENCER

3049—A beautiful wedgewood blue. One of the most exquisite Sweet Peas ever introduced. Awarded a certificate of merit in 1913. Pkt. .10 oz. .50.

KING WHITE SPENCER

3004—This strain exceeds any of the previous whites in size, shape and beauty. Awarded certificate of merit by Royal Horticultural Society, England, 1913. Pkt. .25, oz. .60.

MARGARET ATLEE SPENCER

3025—Conceded the largest and finest Sweet Pea yet introduced. Rich, rosy, salmon-pink on creamy buff. Pkt. .15, oz. .50.

NEW MIRIAM BEAVER SPENCER

3026—This is considered by Sweet Pea experts as one of the greatest acquisitions to the already long list of colors.

This same color was introduced in 1910 but proved unfixable; this is a new type entirely, but exactly the same color and has been re-named in view of the color now being established.

It is a bright apricot pink on a primrose ground, deeper at the margins and a pure primrose at the base. Perfect Spencer shape. Four blossoms to the stems. Pkt. .25.

Spencer Sweet Peas (Continued)

CARMINE ROSE AND SCARLET

3029—Apple Blossom Spencer. Carmine rose with creamy blush wings, extra large. Usually four flowers to a stalk.

Pkt. .10; oz. .50; ¼ lb. \$1.50.

3030—John Ingman. A bright carmine rose with deep rose wings, beautifully fluted, of large size and excellent form. Well recommended.

Pkt. .10; oz. .50; ¼ lb. \$1.50.

3031—King Edward Spencer. The standard is a deep rich carmine scarlet of glossy effect, retaining its colors well in wet or dry seasons. Flowers freely and one of the very best. Highly recommended. Pkt. .10; oz. .50; ¼ lb. \$1.85.

STRIPED AND FLAKED

3056—Aurora. Deep salmon flake on white ground. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3057—Gaiety Spencer. Light magenta rose, striped, on ivory white ground; the standard and wings are beautifully ruffled or crinkled; a very fine sort. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3058—Mrs. Joseph Chamberlain Spencer. Heavily flaked and splashed with bright rose on white ground. A fine, large waved variety. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3059—Senator Spencer. The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Flowers are of gigantic proportions and usually produced in fours. Pkt. .10; oz. .50; ¼ lb. \$1.50.

MAROON, MAGENTA AND MAUVE

3044—Afterglow. A very distinct variety, a fascinating color difficult to describe, the standard is bright violet with a shading of rosy amethyst, wings more of an electric blue, generally four flowers on a stem. Pkt. .10; oz. .50.

3045—Black Knight Spencer. A charming variety of large form and intense deep maroon coloring, fine wavy standard and wings. The best dark variety. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3046—Mrs. Chas. Mander. A dark magenta colored self, wings plum color. Flowers abundantly and of excellent form. Pkt. .10; oz. .40; ¼ lb. \$1.25.

3047—Mrs. Walter Wright. A beautiful rosy mauve with exquisitely fringed standard and brighter fluted wings, the delicacy and beauty of which it is impossible to describe. Pkt. .10; oz. .40; ¼ lb. \$1.25.

3048—Nubian. Maroon or deep chocolate colored self. A magnificent flower of exquisite form, large size and great substance. Pkt. .10; oz. .50.

PICOTEE EDGED

3052—Evelyn Hemus. A charming Picotee edged variety, the pink edging showing up distinctly on a buff ground. Flowers usually in fours. One of the best. Pkt. .10; oz. .50; ¼ lb. \$1.50.

WHITE

3003—White Spencer. The best of the pure white waved flowers of a truly gigantic size, produced in great profusion. Pkt. .10; oz. .40; ¼ lb. \$1.25.

PINK

3021—Countess Spencer. The first Spencer variety introduced and still regarded as one of the best. Indispensable in a collection. Flowers produced usually four to a stem, color, a charming soft pink, becoming darker towards the fringe of the petals. Pkt. .10; oz. .40; ¼ lb. \$1.25.

3022—Duplex Spencer. A distinctly new class, with large wavy flowers, standard and wings a rich creamy pink. Each stem has sprays of usually four flowers, and frequently the two bottom flowers are of double formation.

Pkt. .10; oz. .50; ¼ lb. \$1.50.

3023—Florence Morse Spencer. A delicate blush with a deeper suffusion of pink towards the edges. Flowers are produced on stiff wavy stems and particularly uniform. This is undoubtedly a pale form of the Countess Spencer. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3024—Paradise Spencer. Similar to Countess Spencer, but deeper in shade. Pkt. .10; oz. .50; ¼ lb. \$1.50.

LAVENDER

3039—Asta Ohn. A lovely soft lavender, suffused with pink, one of the very best, flowers deeply fluted, very free flowering. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3041—Flora Norton Spencer. A remarkably attractive shade of clear light blue, slightly tinged with purple. Standard large and beautifully waved. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3042—Margaret Madison. A pale lavender blue self, exquisite color and substance of flower, a strong grower and undoubtedly one of the best of recent introductions. Pkt. .10; oz. .50.

WHITE EDGED PINK

3008—Dainty Spencer. A charming white flower, edged pink, making a delightful contrast; quite distinct. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3009—Mrs. Hardcastle Sykes. Daintily tinted and edged with pink on a blush ground, fine form.

Pkt. .10; oz. .50; ¼ lb. \$1.50.

3010—Martha Washington. In this variety the best traditions of the Spencer type are well maintained; the color is pure white, while the edges are picoteed with a deep rose, which gives a most charming effect. Pkt. .10; oz. .50.

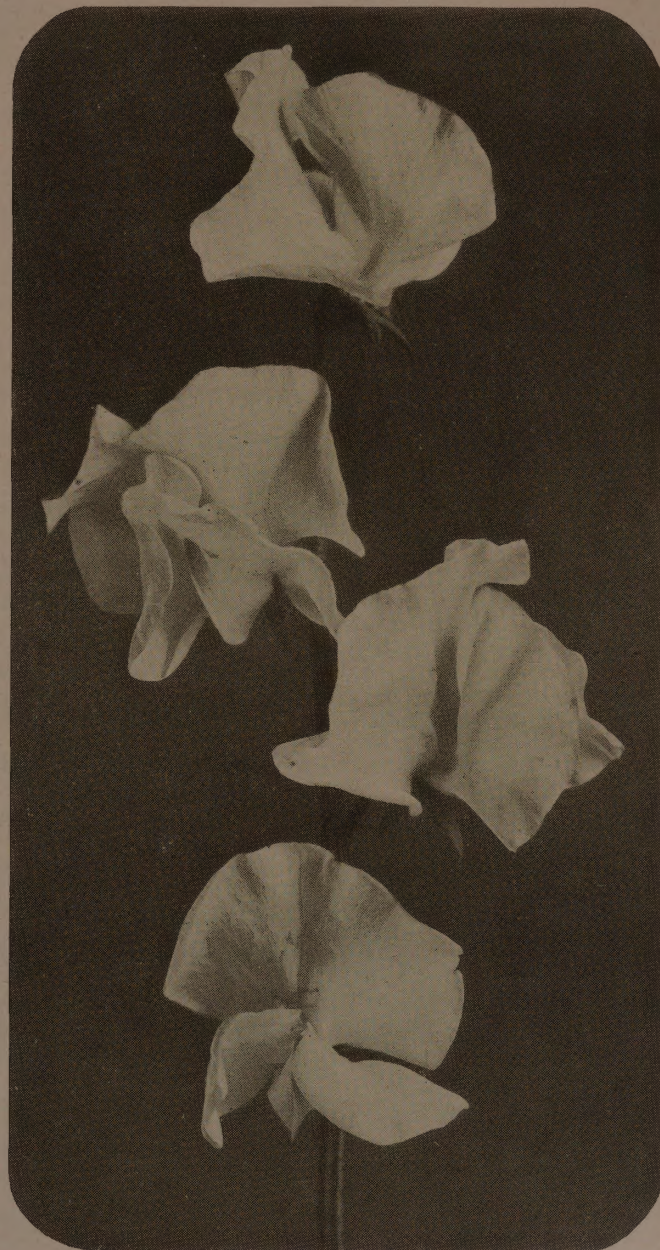
3032—Marie Corelli. A rich rosy carmine with large wavy standards; the wings are very full. Quite distinct, a variety possessing great merit. Usually bears four flowers to a stem and all are large and perfect shape.

Pkt. .10; oz. .50; ¼ lb. \$1.50.

3033—Queen Alexandra Spencer. One of the best of the intense bright scarlet selfs, the standard and wings are charmingly waved and fluted. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3034—Ruby Spencer. The wings and standards are handsomely veined and curled. The flowers, immense in size, are a glorious deep ruby scarlet color. Pkt. .10; oz. .40; ¼ lb. \$1.25.

Photographed by A. E. McKenzie Co., Ltd.



Primrose Spencer

ORANGE, PRIMROSE AND BUFF

3014—Helen Lewis. A distinct variety with a large, broad, wavy orange standard and rosy-orange wings. One of the best of the Spencers producing flowers of immense size. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3015—Mrs. Routzahn. Flowers are of the largest form and beautifully waved and crimped. Buff or apricot color, suffused with delicate pink, deepening towards the edges. A highly attractive and charming variety. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3016—Primrose Spencer. Deep primrose or creamy yellow, of large size, frequently producing four flowers to a stem. Pkt. .10; oz. .50; ¼ lb. \$1.50.

3017—Stirling Stent. Deep salmon, or salmon orange self. One of the best and should be in every collection. Pkt. .10; oz. .50.

McKenzie's Selected Grandiflora Sweet Peas

The introduction of the Spencer types retarded the enthusiasm for the Grandifloras and as a result hybridizers ceased devoting so much attention to the latter as hitherto. Although the Spencers are without a doubt the most popular there is still a large demand for the charming Grandiflora varieties.

For years we have devoted ourselves assiduously to and specialized on the Sweet Pea, selecting, improving and securing the choicest hybridized strains of the very latest creations.

Only the newest and most desirable colors and shades are included, especially selected for their graceful form, beautiful coloring and exquisite fragrance. The vines are most vigorous in growth, very heavy foliage, covered in profusion with flowers. Can be cut with a lavish hand; in fact, the old saying is: the more you cut the more they bloom.

The Grandifloras are more robust than the Spencers, and very free flowering. See illustration.

WHITE

- 2931—Blanche Burpee. Pure white of fine substance. Pkt. .05; oz. .20; 1/4 lb. .65.
2922—Dorothy Eckford. A pure snow white of extra size. Pkt. .05; oz. .25.
2923—White Wonder. Very profuse bloomer. Pkt. .10; oz. .40; 1/4 lb. \$1.00.

PRIMROSE AND BUFF

- 2927—Hon. Mrs. Kenyon. A fine primrose yellow self. Pkt. .05; oz. .25; 1/4 lb. .60.
2928—Mrs. Collier. A charming primrose self. Pkt. .05; oz. .25; 1/4 lb. .60.

ORANGE AND SALMON

- 2934—Bolton's Pink. Large orange pink standard, with wings of a pale rose. Pkt. .05; oz. .25; 1/4 lb. .60.
2935—Henry Eckford. An intense orange red self, quite distinct. Pkt. .05; oz. .25; 1/4 lb. .60.
2936—Miss Wilmott. A salmon pink delicately shaded rose. Pkt. .10; oz. .35; 1/4 lb. .85.

PINK

- 2941—*Gladys Unwin. Light pink; an exquisite shade. Standards beautifully waved and crimped. Pkt. .10; oz. .50; 1/4 lb. \$1.25.
2942—Prima Donna. Exquisite shade of bright pink; large flowers. Pkt. .05; oz. .25; 1/4 lb. .60.
2943—Queen of Spain. A light pink standard, slightly tinged apricot. Pkt. .05; oz. .25; 1/4 lb. .60.

ROSE

- 2945—*E. J. Castle. A rich carmine rose with a tinge of salmon in the standard. Pkt. .10; oz. .50; 1/4 lb. \$1.25.
2946—*Phyllis Unwin. A deep rose carmine with a slight flush of magenta; wavy standards. Pkt. .05; oz. .25; 1/4 lb. .60.
2947—Prince of Wales. A rich deep rose self; quite distinct. Pkt. .05; oz. .25; 1/4 lb. .60.

ROSE AND WHITE

- 2952—Blanche Ferry. Pale rose standard with white wings, tinted with rose. Very early. Pkt. .05; oz. .20; 1/4 lb. .55.

SCARLET, CRIMSON AND CHERRY

- 2957—*Chrissy Unwin. Crimson scarlet, flowers large and waved. Pkt. .05; oz. .25; 1/4 lb. .60.
2958—Coccinea. A bright rich cherry colored self; extra fine. Pkt. .05; oz. .25; 1/4 lb. .60.
2959—King Edward VII. A deep rich carmine scarlet. Very effective. Pkt. .05; oz. .20; 1/4 lb. .55.
2960—Millie Maslin. Magenta crimson with fine bold standards; extra. Pkt. .05; oz. .25; 1/4 lb. .60.
2944—Queen Alexandra. A bright crimson scarlet self keeps its color well. Pkt. .05; oz. .25; 1/4 lb. .65.

DARK BLUE, PURPLE AND MAROON

- 2970—Brilliant Blue. A rich dark navy blue standard, with wings tipped gentian blue. Pkt. .10; oz. .50; 1/4 lb. \$1.25.
2971—Duke of Westminster. Rich rosy purple with violet purple wings; quite distinct. Pkt. .05; oz. .25; 1/4 lb. .65.
2973—Navy Blue. Dark violet blue, very fine. Pkt. .05; oz. .25; 1/4 lb. .65.
2948—Black Knight. Bold, upright dark Bronzy chocolate standard. One of the best dark varieties. Pkt. .05; oz. .25; 1/4 lb. .60.
2949—Mrs. Walter Wright. Fine bold flower. Color a rosy mauve or rosy purple. Pkt. .05; oz. .20; 1/4 lb. .55.

LAVENDER

- 2965—Countess of Radnor. Pale lavender, with slight reddish tinge. An attractive flower. Pkt. .05; oz. .20; 1/4 lb. .55.
2967—Lady Grisel Hamilton. This is a very popular lavender self, undoubtedly the best in this shade of color. Pkt. .05; oz. .25; 1/4 lb. .60.

PICOTEE EDGED

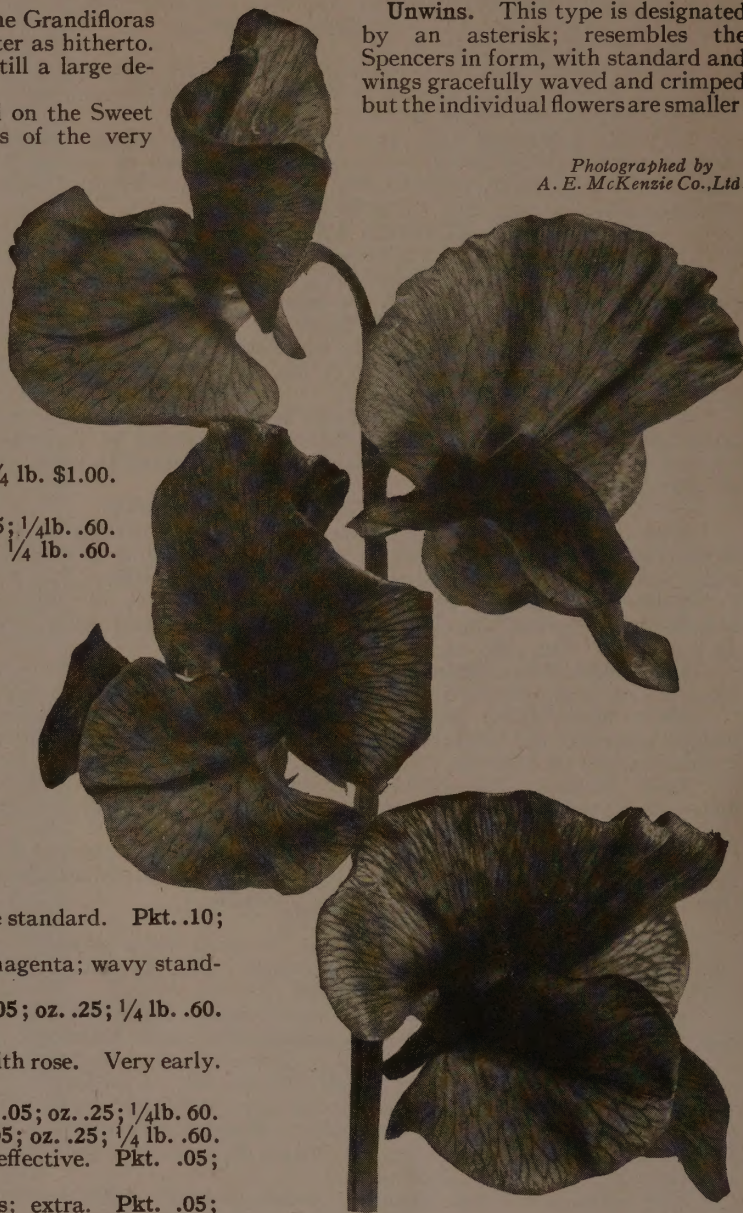
- 2977—Dainty. White ground, edged pink. Very fine. Pkt. .05; oz. .25; 1/4 lb. .60.

MOTTLED AND FLAKED

- 2982—America. Bright scarlet red flake on white ground. Pkt. .05; oz. .20; 1/4 lb. .55.
2983—Helen Pierce. Mottled and veined bright blue on a white ground; Pkt. .05; oz. .25; 1/4 lb. .60.

Unwins. This type is designated by an asterisk; resembles the Spencers in form, with standard and wings gracefully waved and crimped but the individual flowers are smaller.

Photographed by
A. E. McKenzie Co., Ltd.



King Edward VII.

Points about Growing Sweet Peas.

1. Sow the seeds in a double row from four to six inches apart thus:—

* * * * *

About 14 seeds will suffice per yard double row as shown.

2. Sow the seeds in suitable soil in a sunny situation. They do best on a free, deep loam, well cultivated.

3. Plant not less than two inches deep and draw the soil up to the plants when they are about three inches high.

4. Sweet peas need plenty of room, so don't crowd them when sowing the seed. Most people sow twenty seeds where ten would give better results.

5. Remember, the more you cut the more they will bloom. Don't allow them to go to seed—keep on cutting.

We are "headquarters" in Western Canada for all the *latest* varieties of Sweet Peas

Photographed by A. E. McKenzie Co., Ltd.



Giant Comet Aster

My success with your Asters has been highly gratifying. I always use your seeds.
J. JACOB ARNIT, Bassano, Alta.

Your Victoria Asters bloomed most profusely and the flowers were immense in size.
J. G. BEEDIE, Wapella, Sask.

There may be Asters as nice but I do not believe it possible to have a more gorgeous exhibition than my American Branching.

H. D. MEEK,
Swift Current, Sask.

American Branching Aster (H.H.A.)

This is the great favorite with the ladies, as its long stems peculiarly adapt it to home and table decoration, and late blooming.

The flowers, of large size, usually about 4 inches across, of beautiful soft shades, are highly ornamented and attractive. The petals overlap in a convex manner, very similar to the Victoria and Queen of the Market.

It is a strong, robust grower, usually 18 to 24 inches high, of profuse blooming habit; like the Comet it becomes literally covered with bloom.

	Pkt.
1778—Pure White, ¼ oz. .65.....	.10
1779—Shell Pink.....	.10
1780—Mixed Colors, oz. \$1.50; ½ oz. .85; ¼ oz. .50.....	.10
1781—Deep Crimson.....	.10
1782—Lavender Blue.....	.10

GIANT COMET ASTER (H.H.A.)

All the high qualities combined in one

Asters, particularly Comet, are becoming more generally grown than ever before. To their ease of culture and profusion of bloom unquestionably are due their increasing use.

Nor is the "ease of cultivation" or the "profusion of bloom" its most meritorious qualities; far from it. It is the exquisite beauty of the flower itself, rivalling as it does even the "gorgeous Chrysanthemum" both in size, appearance and beauty.

We have improved wonderfully our "Giant Comet." The strain is "perfect," the forms "exquisite," the size "immense," the petals are beautifully curved and recurved, like its name resembling a beautiful ostrich plume, averaging 4 inches across.

	Pkt.		Pkt.
1743—Pure White.....	.10	1747—Crimson.....	.10
1744—Rose.....	.10	1748—Light Blue.....	.10
1746—Choice Mixed.....	.10	1749—Brilliant Carmine.....	.10

GIGANTIC CREGO ASTER (H.H.A.)

Queen of the Asters

You will note we call this "Gigantic" also "Queen of the Asters," yet we question if our readers will be able to grasp the gist of all we wish to convey.

"Gigantic Crego" certainly is "super-excellence" in the Comet Aster Class, frequently six inches across, the petals in many cases being double the length of the ordinary types, daintily twisted and curled in beautiful fluffy effects.

For a few cents' investment you will reap long months of joyous reward mingled daily with ecstasies of delight at continual pleasant surprises which present themselves when growing Crego.

The plant like the flower resembles the Comet, about 24 inches high and extremely prolific, casting bloom in the greatest profusion.

1797—Snow White, pkt.....	.10	1798—Shell Pink, pkt.....	.10
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OSTRICH FEATHER ASTER (H.H.A.)

Rivals the Superb Chrysanthemum

The name of this type is exceedingly suggestive of its exceptional beauty, for in every way but its round shape it reminds one of the graceful waving ostrich plume.

This is a newer introduction than the Comet, considerably earlier, producing a greater profusion of bloom and a flower that rivals in size the well known Japanese Chrysanthemum.

Excepting the size, it is identical with the Comet in appearance: long, wavy, twisted petals, gracefully but loosely formed. Often mistaken for a big Chrysanthemum.

The plants, similar to Comet, are of luxuriant growth, about 24 inches high each bearing from 30 to 60 blooms.

Florists generally are finding this very profitable, which we consider a testimonial of great weight, as, when commercial growers take up with an extremely prolific, hardy annual of vigorous growth, flowers that flourish from the start in the open, it is time then that the growing of same for home use becomes general.

	Pkt.		Pkt.		Pkt.
1787—Pure White..	.10	1789—Dark Blue.....	.10	1791—Azure.....	.10
1788—Crimson...	.10	1790—Salmon.....	.10	1792—Choice Mixed..	.10

Photographed by A. E. McKenzie Co., Ltd.



A Bed of Comet, Victoria and Branching Asters

You want "Good Seeds"—then order them from McKenzie's

Photo by A. E. McKenzie Co., Ltd.



Single Aster

Violet King Aster (H.H.A.)

An exceptionally fine type for cutting.

1860—This type we want to see every customer include in his order. It takes the fancy of all who see it and we believe has gained prominence more rapidly than any other of the Aster types.

It is a late flowering sort, coming into bloom just when the earlier bloomers are dropping out. It is an exceptionally sturdy grower of branching habit, resembling in growth and flower the American Branching. The color is an intense rich violet purple of attractive appearance.

It is one of the very finest for cutting, as it lasts for long periods when the water is changed daily. Pkt. 10c.

Miss Roosevelt Aster (H.H.A.)

All that its name symbolizes and more.

1855—The prominence of this great favorite of our Yankee neighbors is by no means due entirely to its name. Unquestionably with this Aster we have quality in both name and flower.

Of the Victoria type the formation is perfect, the closely arranged petals giving it a handsome double appearance.

Very hardy, plants of 18 inch growth, suitable for borders and cutting. Color is a most charming primrose passing to flesh. Pkt. 10c

Little Blue Star Ageratum (H.H.A.)

A Continuous Bloomer of Exceptional Merit.

1635—Little Blue Star has almost entirely superseded the older types of Ageratum. It is a more compact plant and of dwarfier habit.

The flower certainly is a wonderful improvement over the other types, and is one of the most profuse growing plants known. The name Ageratum meaning "ever young", refers to its ever blooming habit; it will remain fresh and perfect for a month outdoors, and considerably longer within. Naturally it is a popular favorite, and like "Sweet Alyssum" is superb for borders and edgings, as the plants are neat, bushy and erect; about 4 to 5 inches high. The flower is a bright blue with a dark red centre. Pkt., 15c

Canadian
Seeds
for
Canadian
People

Victoria Aster (H.H.A.)

Unquestionably the most stately of the Asters

It is a most noticeable fact, that practically every garden where Asters are grown always has this type whether others are grown or not.

It is an extreme pleasure to hear the laudations of a "genuine flower lover" of the Victoria; to hear his praise of its imbrications, its gracefully formed petals, its massive showy appearance, pointing with delight at every graceful petal, every exquisite curve, its ideal centres and its deservedly superior elegance in every way.

Home growers, amateurs and professionals, are united in acknowledging this as the most perfect of the Aster family.

The Victoria is unquestionably the most stately of the Asters.

It is particularly prized for bedding and large borders.

Is of pyramidal form, growing 18 to 20 inches high.

It has so many points of excellence that Exhibitors the world over give it a stated preference.

It is a very free bloomer, exceptionally hardy and adapts itself readily to general culture throughout the Canadian West.

	Pkt.		Pkt.
1765—Pure white.....	.10	1771—Dark blue.....	.10
1766—Light blue.....	.10	1772—Rose.....	.10
1767—Crimson.....	.10	1773—Purplish violet.....	.10
1768—Fiery scarlet.....	.10	1774—Choice mixed, ½ oz. \$3.00, ¼ oz. \$1.75.....	.10
1769—Apple blossom.....	.10		

Pæony Perfection Aster (H.H.A.)

The great pleasure in growing Asters is the diversity of types and each so radically distinct from the other. This is particularly true of the Pæony Perfection with its gracefully incurved petals, meeting at the centre.

It produces a large magnificent flower, about 4 inches across, of the most perfect Pæony shape, ranging in colors from pure white to glowing crimson.

The plants are of pyramidal branching formation, about 18 inches high with a flower stem highly prized for bouquet or decorative purposes, producing bloom in the greatest profusion.

	Pkt.		Pkt.
1754—Pure White, ½ oz. \$1.00.....	.10	1759—Brilliant scarlet.....	.10
1755—Crimson.....	.10	1760—Dark blue.....	.10
1757—Brilliant rose.....	.10	1761—Choice mixed, oz. \$2.50; ½ oz. \$1.50; ¼ oz. 85c.....	.10

Artemesia (Saccorum Viridis) (H.A.)
(Summer Fir)

1720—Like Kochia, the Summer Cypress, it makes a beautiful garden and pot plant. It forms pyramidal bushes about 3 feet high. The color is a rich deep green. Withstands both drought and wet. Pkt. 10c.

Achillea (H.P.)

(Ptarmica Fl. Pl.)

1611—This beautiful white perennial of easy culture, grows about 2 feet high and from spring until frost is literally covered with bloom of the purest white double flowers. As a cut flower it is extremely prized. Pkt. 10c.

Photographed
by A. E. Mc-
Kenzie Co.,
Ltd.



For other varieties of Flower Seeds see pages 84 to 87.

Photo by A. E. McKenzie Co., Ltd.

Arabis Rock Cress (H.P.)

One of the best rock plants. Blooms very early in the spring. Pure white flowers. Especially adapted for edgings and covering banks. Very attractive and will enhance the appearance of any garden.

1708—Alpina. Pkt. .05.



Asparagus Plumosus

Asparagus (H.H.P.) Plumosus Nanus

1723—We believe that this is the most popular house plant in Western Canada to-day. Almost every plant lover has an Asparagus Plumosus Fern on his dinner table or in some other room. It surpasses the Maidenhair Fern for grace, delicacy of texture and richness of color. Easy to grow. Pkt., .25.

Asparagus Sprengeri (H.H.P.)

1728—This well known Emerald Feather Fern so generally used in hanging baskets for winter interior use and home decoration, follows closely in the wake of the Plumosus as a popular favorite. For outdoors in summer it has no superior. Pkt., .25.



Asparagus Sprengeri



Arabis

Antirrhinum (H.H.P. Snap Dragon) A Most Fascinating Flower

Wherever a border or a bed is receiving consideration, this popular flower certainly should be included.

In mixed borders or beds the long spikes with their clusters of rich, dazzling flowers of intense and varied colors form a most pleasing yet striking contrast when blended with other attractive plants.

The flowers have remarkable endurance, withstanding severe adverse weather, regaling in beautiful bloom throughout the entire summer.

Antirrhinum being a perennial should be started indoors early, which insures a profusion of bloom the first season. Where indoor sowings are not preferred, we suggest sowing during the summer for the following season.

TALL GIANT VARIETIES

	Pkt.
1681—Brilliant Scarlet. Golden yellow and white.....	.10
1682—Fire King. Scarlet with orange.....	.10
1683—Queen Victoria. Snowy white.....	.10
1684—Striatum. Striped.....	.10
1686—Finest mixed.....	.05

DWARF VARIETIES

1691—Black Prince. Almost black with dark leaves.....	.10
1693—Golden Queen. Rich pure yellow.....	.10
1694—Queen of the North. Pure white.....	.10
1695—Finest Mixed.....	.05

Sweet Alyssum Never Wanes in Popularity

Very similar in appearance to Candytuft and equally as popular for borders.

It is equally prized for baskets, pots, terrace, rock work, cutting and button holes.

It is a rapid grower and produces an over abundance of bloom.

It is exceptionally hardy, in most cases lasting for several weeks after severe frost.

Alyssum is one of the few flowers of exceptional fragrance.

It is of very dwarf branching habit, the flowers so close that it resembles a sheet of white from a distance.

1646—Maritimum (H.A.) White, oz. .30.....	\$.05
1647—Little Gem (H.A.) White, oz. .40.....	.05
1648—Golden Saxatile (H.P.) Brilliant Yellow.....	.05

Photo by A. E. McKenzie Co., Ltd.



Full Cultural Instructions on Every Packet.

Photographed by A. E. McKenzie Co., Ltd.



Aquilegia, Long Spurred Hybrids

Aquilegia Long Spurred Hybrids.

(Columbine)

The delicately formed flowers are borne singly and in panicles, strikingly set off by handsome foliage that gives a most charming background, exhibiting with startling effect the rich colors and graceful spurs beautifully poised on stately stems. A decided improvement on the older sorts of Columbines.

The range of colors is exceptionally fine, such as pink and yellow, red and yellow, white and blue, lavender and mauve, etc.

1702—Choice Mixed, Pkt. .15.

Bartonia aurea

A fine Showy Annual.

This plant produces bright yellow single flowers, about 2½ inches across, very fragrant in the evening. It has thistle-like foliage which gives it a most attractive appearance. A very valuable flower for table decoration.

1886—Aurea. Pkt. .05.

My Balsams from your seed attracted considerable attention. They are certainly exquisite.
MARY CRAWFORD,
Nokomis,
Sask.

Regarding the asparagus Plumosus Seed which I purchased from you last season I had the best success with it. I had twelve splendid plants from the packet.
MRS. W. J. MORROW,
Sceptre, Sask.
Sept. 17th, 1915



Photo by
A. E.
McKenzie
Co., Ltd.

McKenzie's

Superior Balsam (H.H.A.)

Resembles a plant with Roses wrapped round and round. The diversity of flower creation is as wide as the world itself, but with the beautiful Balsam, nature seems to have been particularly kind, for aside from the exquisitely formed flowers, some of most gorgeous hue, the stems or branches instead of bearing in the usual manner are clustered closely from butt to tip with only the tips of the leaves protruding thus giving the entire plant the appearance of one immense bloom, 18 to 24 inches high.

Balsam is a robust grower and should be given abundance of room. It makes an excellent border plant, and if started indoors will give a very early display.

	Pkt.		Pkt.
1875—Brilliant Scarlet.....	.10	1879—Primrose.....	.10
1876—Snowball. Pure white.....	.10	1880—Rose Spotted.....	.10
1877—Violet Spotted.....	.10	1881—McK's choice mixed, ½ oz.....	.10
1878—Prince Bismarck, brilliant salmon rose.....	.10		

Photographed by A. E. McKenzie Co., Ltd.



Bartonia aurea

"TO HAVE OTHER THAN THE BEST WHEN THE BEST IS TO BE
HAD IS THE WISDOM OF THE UNWISE"

For ready reference use complete Index inside back cover

White Cosmos, Lady Lenox

Gigantic Orchid-Flowering.

2073—This is a most fascinating introduction which produces flowers four to five inches in diameter—quite three times larger than the ordinary cosmos.

It is the first white variety of the famous Lady Lenox Cosmos type. Has succeeded and been admired everywhere.

EVERY ENTHUSIASTIC GARDENER SHOULD GROW THIS

Produces petals oval in shape and of splendid substance. Keeps well when cut. Pkt. .10.

Photo by A. E. McKenzie Co., Ltd.



Lady Lenox White Cosmos

Carnation (Dianthus Caryophyllus fl. pl.)

The Yield of Large Double Flowers is Wonderful

It certainly is a great pleasure to us to know that the painstaking care, the enormous expense, the close selection in securing pure strains of the highest and most perfect types, has amply demonstrated by the enormous increase in demand that our "Carnation Seed" has met popular approval by giving unexceptional satisfaction everywhere. The Carnation has always been a flower of great prominence, but it is only in the last few years that its growth has reached a more general stage throughout the Canadian West.

If sown early indoors and then transplanted to the open in June, the Carnation will blossom as readily as any other flower.

By transferring to pots before frost it makes a nice house plant.

Contrary to a mistaken notion otherwise, Carnation is a very free outdoor bloomer, and will with proper care produce a constant supply of bloom.

The Marguerite strains are especially recommended for vigor and adaptability to outdoor culture; while the Perpetual are also given outdoor prominence they are more generally grown where a winter blooming house plant is desired.

Photo by A. E. McKenzie Co., Ltd.

Our Carnations
are Very Free
Outdoor
Bloomers

Perpetual
Carnation

1990—Giant Marguerite.	Double choice, mixed.	Pkt. .10
1991—Dwarf Marguerite.	Double white.	.10
1992—Dwarf Marguerite.	Double yellow.	.10
1993—Dwarf Marguerite.	Double crimson.	.10
1994—Dwarf Marguerite.	Double choice mixed.	.10
1995—Perpetual, Chabauds.	Giant flowered, mixed.	.15
1996—Perpetual, Riviera Market Giant.	Mixed.	.15
1997—Border, choice mixed, 1/4 oz.	.85.	.10

Candytuft Large Flowering (Iberis)

One of the best known flowers

For a profusion of bloom lasting throughout the summer there is nothing in the flower garden to excel these dwarf flowering annuals for edging and massing in borders.

The plants being of miniature growth adapt themselves to pot culture. They are quite hardy and can be sown out of doors, seedlings being thinned out but not transplanted.

The flowers are borne in umbels on spiral spikes of extra depth; the individual flowers being much larger than the older strains. Colors embrace practically all shades of white, purple and red.

The strains we offer are unsurpassed.

1964—Dunnett's Improved.	Deep rich crimson, oz. .30.	Pkt. .05
1965—Empress.	Large, pure white, oz. .60.	.10
1966—Umbellata Queen of Italy.	Pale lilac, oz. .40.	.10
1967—Umbellata albida.	Creamy white, oz. .40.	.05
1968—Umbellata.	McKenzie's Finest Mixed, oz. .60.	.10
1969—Umbellata Dwarf Hybrids.	White shaded Rose.	.05
1970—Choice Mixed, oz. .25.		.05



Our Flower Seeds are Specially Selected for Western Soils

Photographed by A. E. McKenzie Co., Ltd.



Coreopsis Grandiflora

Campanula Persicifolia

(PEACH BELLS)

Very different in formation from Canterbury Bells

The delicate and broadly shaped flowers appear in clusters of three at the axils of the upper leaves and can be grown to an immense size. They are decidedly ornamental and graceful and very suitable for table decoration.

1952—Persicifolia. Blue, large bells.....	Pkt. .10
1953—Persicifolia Alba Backhousiana. The largest and purest flower.....	.10

Canterbury Bell

(H.P.) Campanula

The Canterbury Bell of the Calycanthema type differs noticeably from the usual Bell Flower or Persicifolia strains by reason of its immense calyx, giving the flower the appearance of a "cup and saucer," and is thus called by the public in general.

1979—Calycanthema. Blue.....	Pkt. .10
1980—Calycanthema. Rose.....	.10
1981—Calycanthema. White.....	.10

Judge by results—Sow McKenzie's Seeds

Coreopsis

A brief residence in any of the older countries will show (and particularly among flower lovers who keenly discriminate) that this showy flower not only receives a place in almost every garden, but generally a very conspicuous one.

It is a very dazzling plant, strikingly effective in display with other plants, and equally as attractive for cutting and bouquets.

The flowers are exceedingly free blooming, retaining freshness long after cutting.

It is often said this flower blooms so freely that it flowers itself to death.

2069—Grandiflora, large bright golden yellow.....	Pkt. .05
2070—Lanceolata, yellow serrated petals.....	.10

Celosia

Very Showy for the Summer Garden

Plumosa is a capital name for this flower, resembling in every way the large plumes used so extensively for millinery decoration. The very oddity of its formation makes it most unique, and its many gorgeous colors, highly attractive.

The Dwarf Cockscomb with their immense rich, ruffled combs are of velvet chenille-like appearance, measuring frequently 12 inches across, have an exceptionally striking ornamental effect in borders.

2002—Plumosa. Crimson.....	Pkt. .05
2003—Plumosa aurea. Golden yellow.....	.05
2004—Plumosa Thompsoni Magnifica. Mixed colors.....	.10
2005—Cristata Empress (Cockscomb) crimson.....	.10
2006—Cristata Dwarf (Cockscomb) Finest mixed.....	.10

Photographed by A. E. McKenzie Co., Ltd.

The "Shasta Daisy" is fine, one plant has over 100 blossoms (and more than that number of buds) many of them nearly four inches across. My plants have been out for about five years. I can say that McKenzie's seeds do well in this part of the Province, both flowers and vegetables.

Mrs. L. A. HILL
Blackfield,
Alta.
July 22nd, 1915.



Canterbury Bells

Photographed by
A. E. McKenzie Co., Ltd.



Chrysanthemums, Single and Double

Dianthus (Pinks)

SUCCEED IN ANY SOIL

One of the principal desiderata in a plant is its facility to produce a mass of bloom, and in this respect the hardy Pinks bear most favorable comparison with any garden flower; but when this is intensified by the production of magnificent blooms in single and double forms, measuring 2 to 3 inches in diameter and in marvellous tints of striking colors with Petals exquisitely notched, the perfection of Pinks as a border plant has been fully realized. Although biennial, Pinks should be treated as annuals, and if sown in the open ground as soon as all danger of frost is past, they will furnish an endless delight to lovers of flowers throughout the summer by their attractive and profuse display of bloom. Transplanting when sown in the open is not recommended, otherwise the flowering season will be delayed.

2122—Chinensis (Fl. Pl.).	Mixed (H.B.) (Indian Pink).	Double flowers, all shades...	Pkt. .05
2123—Heddewigi (H.B.).	Single mixed (Japan Pink).	All colors.....	.05
2124—Heddewigi Crimson Belle (H.B.).	Single, brilliant crimson.....		.10
2125—Heddewigi Eastern Queen (H.B.).	Single, striped rose, extra.....		.10
2126—Heddewigi Fireball (H.B.).	Double, brilliant scarlet, extra strain.....		.15
2127—Heddewigi (H.B.).	Double, choicest mixed.....		.10
2128—Laciniatus (H.B.).	Single, mixed.....		.10
2129—Laciniatus Salmon Queen (H.B.).	Single, very charming colors.....		.10
2130—Laciniatus Snowdrift (H.B.).	Double, large, pure white, extra choice.....		.15
2131—Laciniatus Vesuvius (H.B.).	A dazzling single orange scarlet, very fine.....		.10
2132—Laciniatus (H.B.).	Double choice mixed.....		.10
2133—Diadematus (Double Diadem Pink) (H.B.).	Double, choice mixed.....		.10
2134—Imperialis (Double Imperial Pink) (H.B.).	Choicest mixed.....		.10
2135—Nobilis (Double Royal Pink) (H.B.).	Choice mixed. Twisted petals, very pretty.....		.10
2136—Latifolius (H.B.).	Double Hybrids, choice mixed. Very brilliant colors. Flowers first season from seed.....		.10
2137—Perennial Pinks (H.P.).	Extra choice mixed, very hardy.....		.10

Your double Pinks are truly magnificent in size, colors and profusion of bloom.

MISS BESSIE HALPIN, Ruddell, Sask.

I never had such splendid results with flowers before, as I had with your seed.

E. J. POWELL, Edwell, Alta.

I consider your flower seeds perfect in every respect and have had phenomenal results.

FRED. G. WILCOX, Wynyard, Sask.

I am pleased with my success from your Pinks. They have grown beautifully and blossomed most freely.

MRS. JOHN GROSLAND, Burnside, Man.

Chrysanthemum

McKenzie's New Early Single Perennial

2026—This is the great favorite on our Western farms where hardy growing flowers are given preference.

There is no flower in cultivation better known than the Chrysanthemum.

This new type of Early Single Perennial is a most popular addition for both garden and house growing. Blooms the first year.

The plants are bushy, well shaped and hardy, growing 2 to 3 feet high, covered with a mass of delicately shaped blooms of exquisite colors, such as pure white, cream, yellow, orange, crimson, purple, terra cotta, pink, etc., ranging in size from 3 to 4 inches across.

The plants are raised from seed with the greatest ease, sowing indoors in early spring, transplanting to the open, again transplanting before frost to pots for the winter bloom. Choice mixed. Pkt. .15.

Your chrysanthemums are all you claim and a great deal more. My bushes had thousands of blooms on them.

MRS. GEORGE F. PITT, Ogema, Sask.

Dianthus

Photographed by A. E. McKenzie Co., Ltd.



Photographed by A. E. McKenzie Co., Ltd.



Dimorphotheca Aurantiaca

DIMORPHOTHECA or Orange African Daisy

This is a great improvement over the old African types.

We doubt if any flower has gained so rapid unstinted praise and popular favor as this recent introduction. A hardy annual, it is a native of South Africa and is frequently referred to as the "Namaqualand Daisy or African Daisy."

Of easy culture and able to withstand all kinds of weather it has proven admirably adapted to the climate of Western Canada, and is rapidly gaining universal recognition. Its intrinsic value as a bedding or decorative plant, is acknowledged. The plants are of semi-dwarf habit and rarely exceed the height of 15 inches; the growth is vigorous and fairly compact, bearing clusters of immense flowers measuring frequently $2\frac{1}{2}$ to 3 inches across. Exceptionally profuse blooming the plants continue to produce an array of extremely showy flowers until late in the fall.

Seed may be sown in the open as soon as the ground can be prepared in the spring.

2147—Aurantiaca (True Stock). The golden yellow flowers are rendered very conspicuous by the dark colored disc surrounded by a black zone, the Marguerite-like blossoms measuring frequently $2\frac{1}{2}$ to 3 inches in diameter. A very attractive flower, producing an abundance of bloom and certain to be held in high esteem. Per Pkt. .10

Aurantiaca hybrida. Quite the counterpart of the type in growth, foliage, height and size of bloom, but of multifarious coloring. Among the shades represented are pure white to bluish and reddish white, sulphur and lemon yellow to bright gold; delicate rose to deep salmon, orange, etc., while some flowers show zones of contrasting hues. Considered by many horticulturists as the most promising novelty in recent years.

2157—McKenzie's Choice Mixed.
Per Pkt.15

DEPENDABLE QUALITY.
HIGHEST GERMINATION.

Delphinium or Perennial Larkspur

The Delphinium of to-day is one of the most beautiful of all flowers and provides a color—blue—of which we have too little among flowers. The stately plants with their long spikes of handsome flowers, produced in racemes, are much admired in mixed borders.

The foliage is shapely and classical in outline and the spikes of bloom are freely borne. A bed or border of Delphinium will often remain in full bloom for several months during the whole of which time they will add a color to the garden which would otherwise be wanting. For producing a striking display over a long season they are probably unique. No garden is complete without a group or two of these graceful perennials.

The culture is exceedingly simple and the results out of all proportion to the slight amount of care necessary. 2 to 6 ft. July-Sept.

2107—Blue Butterfly. A very attractive dwarf Chinese variety growing about 20 inches high. The plants are densely covered with a mass of azure blue flowers, which stay in flower a very long time. Pkt. .10

2112—Formosum coelestinum. Handsome sky blue flowers, a lovely shade. 2 ft. .10

2113—Grandiflorum fl. pl. Large flowers borne in racemes. 1 to 3 ft. Choice, double mixed.10

2114—Cashmerianum. Distinct pale blue produced in corymbs, with light green leaves 1 ft.10

2116—McKenzie's Special Mixture, a very choice strain.10

2117—Nudicaule. Spikes bright scarlet, borne on a loose raceme. 1 ft.15

Echinocystis

(Wild Cucumber) (H.A.)

The increasing demand for this useful plant encourages us to believe that its usefulness is becoming more appreciated. It is unequalled for its rapidity in covering walls, fences etc. Very useful for hiding unsightly objects in the garden on account of the quick growth of the vines. It is desirable that the seed be soaked several hours before planting.

2167—Lobata. oz. .20; pkt. .5.

Gypsophila

(Baby's Breath)

A very desirable plant for bouquets, sprays, and hanging baskets. Useful for mixing with other flowers. Excellent for cutting, therefore very popular. 1-2 ft. July-August.

2289—Elegans grandiflora alba (H.A.) An improved type, pure white flowers. .05

2294—Paniculata (H.P.) White flowers, blooms first year if sown early. 2 ft. Aug-Sept.05



Delphinium

Photo by A. E. McKenzie Co., Ltd.

The free blooming Orange African Daisy makes a beautiful Display

Gaillardia (Blanket Flower)

Unsurpassed in brilliance by any Hardy Annual Plant.

This popular flower hardly needs much introduction as it is already so well known and appreciated among garden-lovers. To those who have not already grown it we would strongly recommend that a small space be allotted. Gaillardias are particularly conspicuous for profusion and duration of flowers. A constant succession is produced all summer until late in the fall. They produce a most gorgeous effect in beds or borders. They are highly recommended for cut flowers as they last so long in water and can be gathered with ample self supporting stems. Great Improvements in this popular plant have taken place during recent years and the strains we offer below are absolutely the best obtainable. Flowers freely, dazzling colors.

2-3 ft. July-Sept.

Pkt.

- | | |
|--|-----|
| 2223—Picta Aurora Borealis (H.A.) Gold, crimson and white..... | .05 |
| 2224—Single mixed..... | .05 |
| 2225—Lorenziana, double mixed..... | .05 |

Helianthus (Sunflower)

Very effective in Borders.

Of the easiest culture and adapted to a variety of soils. They are seen to best advantage when planted in masses, rather than as solitary specimens. These attractive flowers are a valuable addition to any garden. 2-8 feet. July-Sept.

Pkt.

- | | |
|---|-----|
| 2299—Argyrophyllus (Texas Silver Queen). Single yellow flowers with black centre. 6 ft..... | .05 |
| 2304—Californicus fl. pl. Fine double, showing no centre, flowers 6 inches in diameter. 4 ft..... | .05 |
| 2307—Globosus fistulosus fl. pl. Large double flowers, bright saffron color. 4 ft. Oz., .25..... | .05 |
| 2308—Stella. Single golden yellow flowers with black disc. 4 ft. Oz., .30..... | .05 |



Gaillardia

Photographed by A. E. McKenzie Co., Ltd.



Helianthus

Photographed by A. E. McKenzie Co., Ltd.

McKenzie's Giant Flowering Annual Hollyhocks

Blooms First Year from Seed.

Immense Giant Double Fringed Hollyhocks the first year from seed! Think of it. The old types of this beautiful rose-like flower can seldom be flowered from seed before the second year. This new strain, identical in appearance with the older varieties, is the result of years of scientific research and selection for an Annual Hollyhock.

The range and combination of colors are wonderful and most beautiful to behold.

The flowers are densely double, delightfully fringed and flounced. In size they are immense, often measuring 5 inches across.

Plants grow 6 to 8 feet high and literally covered with clusters of buds and flowers. Veritable columns of bloom.

Started in the house from February to April and transplanted they bloom in the early summer.

- | | |
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| 2327—McKenzie's Giant Flowering Annual, Mixed, Pkt..... | .15 |
| The following old favorite perennials are as popular as ever:— | |
| 2328—Chater's (H.P.) Double white..... | .10 |
| 2329—Chater's (H.P.) Double canary yellow..... | .10 |
| 2330—Chater's (H.P.) Double scarlet..... | .10 |
| 2331—Chater's (H.P.) Double peach blossom..... | .10 |
| 2332—Chater's (H.P.) Double crimson..... | .10 |
| 2333—Chater's (H.P.) Double apple blossom..... | .10 |
| 2334—Chater's (H.P.) Double salmon..... | .10 |
| 2335—Chater's (H.P.) Double dark rose..... | .10 |
| 2336—Chater's (H.P.) Double, choice mixed..... | .10 |
| 2337—Double Alleghany Prize. (H.P.) Mixed..... | .05 |

LINUM (Flax) (H.A.) A pretty border plant.

The flowers are borne in terminal racemes or cymes. On account of continuity of bloom the plant is very showy and its ease of culture places it in the front rank as a popular flower. 1 ft. July-Sept.

- | | |
|--|-----|
| 2420—Grandiflorum rubrum. Oz., .30..... | .05 |
| 2421—Flavum (H.P.) Neat and compact, flowers bright golden yellow. 1 ft..... | .10 |
| 2422—Perenne (H.P.) Bright blue flowers, very graceful..... | .10 |

Not "how cheap" but "how good"—McKenzie's Seeds



Ipomeea Bona Nox

Photographed by A. E. McKenzie Co., Ltd.

My Morning Glory vines are covered by thousands of beautiful flowers. Enclosed find photo of my porch.

MRS. GEO. BOWSMAN, Lloydminster, Sask.

Ipomeea; or, Morning Glory

An attractive, dainty climber.

Remarkable for easy culture, quick growth and beautiful flowers. Among the most popular plants for covering verandahs and screening unsightly objects.

Morning Glories are the least exacting of garden plants as regards soil and site. They prefer a strong soil, sunny site and plenty of water but they will make the best of much that may be uncongenial.

Seeds should be soaked in warm water for about 2 hours before planting. Flowers from July to September.

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| 2367—Noctiflora (Moon Flower) alba. Large white flowers. 10 to 15 ft..... | .10 |
| 2369—Bona Nox (Evening Glory). Opens its blooms in the evening, large white flowers. 15 ft..... | .05 |
| 2370—Setosa (Brazilian Morning Glory). A vigorous climber, covers an immense area, large rose colored flowers with pink centre. 10 to 20 ft... | .10 |

Morning Glory Imperialis

This is the wonderful Japanese Morning Glory, celebrated the world over for its wondrous beauty of both flowers and foliage. The flowers are borne by hundreds and are of enormous size, of the most delicate, vivid and blending colors to be seen in any flower. Some are pure white, others crimson, brindled, light and dark blues, pinks and so on, while others show a most entrancing combination: spotted, striped, blotched, stained, pencilled, bordered; variegated, in fact, in almost every conceivable manner. The leaves alone would almost appear beautiful enough, with their richly marbled and variegated white and green.

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|---|----------|
| 2362—Imperialis (Japanese). Finest Mixed. Oz. .50 | Pkt. .10 |
|---|----------|

Morning Glory Rochester Sky Blue

We consider the Rochester Sky Blue ever-blooming Morning Glory the acme of perfection in color of all the numerous varieties of climbing Morning Glories. The vines make very rapid growth and form an excellent cover for bare or unsightly spots and for trellises and verandahs they are unexcelled. The flowers are borne in profusion from the base to the tip of the vine, and the exquisite beauty and tint of the large sky blue flowers can rightly be described as a dream of loveliness impossible to portray in words.

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| 2368—Pkt..... | .10 |
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Accept a Timely Suggestion—Try a Hedge of Kochia

California Poppy (Eschscholtzia)

Unexcelled for Gorgeous and Dazzling Display

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and comes into bloom soon after its appearance above ground. It stands considerable cold and remains blooming after the first frost. Very attractive as an edging because of its intersected and bluish foliage. The plants grow bushy and 12 to 24 inches high. In sunshine the petals open up to their fullest, and altogether it is as charming an annual as one could wish for.

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| 2188—Burbank's Crimson. A very handsome variety, oz. .40 | Pkt. .05 |
| 2189—Carmine King. An intense carmine rose, oz. .60 | .05 |
| 2190—Golden West. Orange yellow, large, oz. .40 | .05 |
| 2191—Mandarin. Orange shaded crimson, oz. .40 | .05 |
| 2192—Rose Cardinal. Carmine rose, oz. .40 | .05 |

Kochia (Summer Cypress)

(Mexican Fire Bush) (H.A.) All the Rage Everywhere

Although Kochia has for many, many years received considerable prominence, there has sprung up in the past couple of years a renewed interest and enormous demand exceeding anything in its history.

Once to be found grown occasionally in some garden, to-day its use is almost general. It grows to a perfect symmetry and uniform shape, makes one of the most beautiful hedges and borders imaginable. The lovely green color has a wonderfully enhancing appearance along the walk, against buildings, backgrounds, foregrounds, in fact it seems to be in just the right spot wherever placed. Very easily grown, sown thinly in spring, shoots up quickly. On the approach of Autumn the whole plant becomes a deep red.

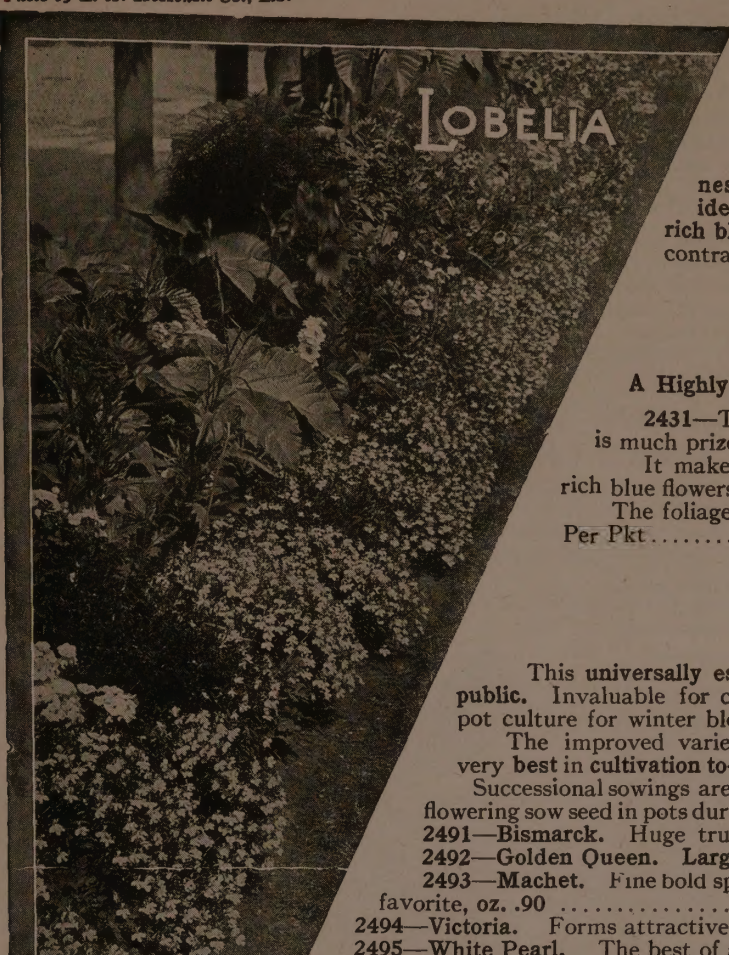
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| 2381—Tricophylla. Pkt..... | .10 |
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Kochia.

Photographed by A. E. McKenzie Co., Ltd.

Photo by E. A. McKenzie Co., Ltd.



Lobelia Crystal Palace Compacta

(H.H.A.)

2427—Literally Sheeted with Bloom Continually. We illustrate Lobelia taken from the Brandon City Hall lawn, where it is extensively used for border purposes. This illustration, while not doing justice to the flower, fairly well depicts its attractiveness and exceptional usefulness for this purpose. While not the equal to Lobelia Tenuior, it makes an ideal flower for hanging baskets and window boxes. The blossoms, deep rich blue in color, have a conspicuous white eye, giving a strikingly attractive contrast. The plant is exceedingly graceful growing. $\frac{1}{4}$ oz. \$1.50 Pkt. .10

Lobelia Tenuior

(H.H.A.)

A Highly Decorative Plant for Window Boxes, Hanging Baskets, Verandahs, etc.

2431—This meritorious and delightful flower is a native of Western Australia and is much prized for its rich decorative qualities.

It makes an ideal plant for hanging baskets, supplying a succession of large, deep, rich blue flowers with a conspicuous white eye; a very pleasing contrast.

The foliage is graceful and light in texture, which enhances its charm considerably.

Per Pkt.10

Mignonette

An Old Time Favorite Flower

This universally esteemed fragrant flower still retains its hold on the affections of the public. Invaluable for cutting, and when massed in flower borders it is also well adapted for pot culture for winter blooming.

The improved varieties noted below acquired by close and painstaking selection are the very best in cultivation to-day, producing handsome trusses of immense size and fragrance.

Successional sowings are recommended when a constant supply of bloom is required. For winter

flowering sow seed in pots during July and August and thin out. Pkt.

2491—Bismarck. Huge trusses of reddish colored flowers.10

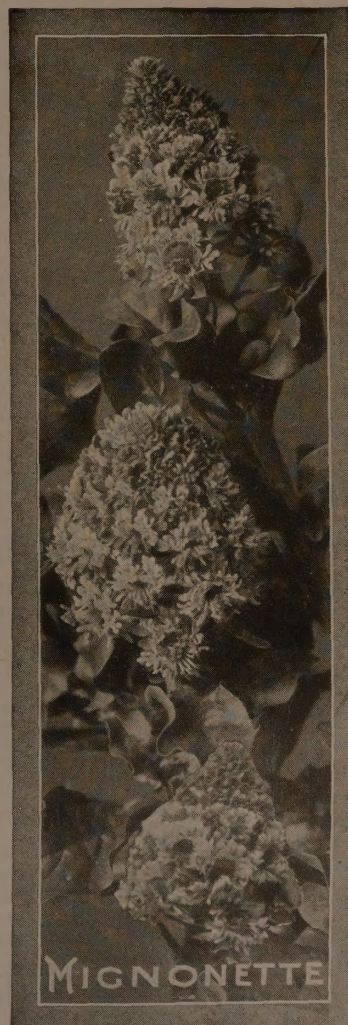
2492—Golden Queen. Large golden yellow spikes, oz. .90 . . .10

2493—Machet. Fine bold spikes of reddish flowers. A general favorite, oz. .9010

2494—Victoria. Forms attractive trusses of bright red flowers.10

2495—White Pearl. The best of all the whitish flowers.10

Photo by A. E. McKenzie Co., Ltd.



Lupinus

Particularly adapted to borders

Hardy Annual and Perennial plants of striking appearance with conspicuous flowers in terminal racemes. The bushy plants with their long handsome spikes furnish an excellent background to a flower bed. All varieties of this attractive plant are of easy culture in any garden soil. Pkt.

2435—Annuals, fine mixed. 3 ft. June-Aug. Oz., 25c.05

436—Arboreus Snow Queen (H.P.). Very fine pure white spikes. 3 ft.10

2437—Polyphyllus (H.P.). Blue. 3 to 6 ft. Pkt.05

2438—Polyphyllus albus. White. 3 to 6 ft. Pkt.05

2440—Subcarnosus (Texas Blue Bonnet) (H.A.) A charming dwarf variety, flowers azure blue. Excellent for front of border. 1 ft.10

Marigold (Tagetes)

(H.A.)

The Favorite of our Grandmothers

These old garden favorites are eminently suited for massing in gardens. The variety listed as "Legion of Honor" is the dwarfest of the type and is a charming plant to use for edgings as it blooms continuously and grows only 6 to 8 inches high. The African flowers with their large and perfectly double blooms are symmetrical in shape and the French types have been selected from plants showing even and well-defined striped double flowers in shades of brilliant gold, orange and brown. They provide a wealth of bloom of striking appearance.

The seed we offer has been saved exclusively from exhibition blooms. Pkt.

2456—African Gold Nugget. Golden yellow.10

2457—African Lemon Ball. Soft lemon yellow.10

2458—African El Dorado. Large quilled, of perfect double form, in all shades of yellow.10

2459—African. Double finest mixed.05

2462—French. Dwarf, finest mixed.05



Lupinus

Photo by A. E. McKenzie Co., Ltd.

- 2460—French. Compact gold striped, beautiful markings, stripes well defined.10
2463—French Legion of Honor. Single flowers, attractively marked on a golden yellow background05

McKenzie's Northern Grown Nasturtiums

Next to Sweet Peas, Nasturtiums are the most generally grown flowers. Nor is there another flower that gives such universal satisfaction. We have seen our Northern grown seed sown in and thrive in locations where it would seem nothing could grow. Like Sweet Peas they make an excellent flower to sow alongside fences and buildings. Nasturtiums are to-day one of the most generally used for borders. Many of the showiest and finest display gardens give them great prominence for both bedding and borders.

Housewives can secure more for their efforts if they grow Nasturtiums than can possibly be secured with the same ease growing any other flowers. For window boxes, Nasturtiums, we believe, rank first and foremost. This hardy flower will withstand more adverse weather—wet, dry, cold or warm—than any other.

Photographed by A. E. McKenzie Co., Ltd.



Dwarf Lilliput Nasturtiums

Makes an excellent plant for edges of borders. Of miniature size and very compact, smaller even than the Tom Thumb. The dainty foliage and flowers are quite unique and graceful, whilst, thanks to the energy and perceptibility of the hybridizer, blossoms can be procured in almost every pleasing shade.

	Pkt.	oz.	¼ lb.
2575—Baby Rose. Pure white with deep rose markings.....	.05	.20	.50
2576—Fairy Queen. Light, marked with lavender.....	.05	.20	.50
2578—Queen of Holland, Hybrids. Light yellow to black purple, all blotched (new).....	.05	.20	.50
2580—McKenzie's Choice Mixed.....	.05	.20	.50

Tom Thumb Nasturtiums

This dwarf growing Nasturtium is perhaps the most generally grown, and it succeeds everywhere with little or no care.

	Pkt.	oz.	¼ lb.
2581—Aurora. A beautiful terra cotta.....	.05	.25	
2582—Beauty. Yellow with scarlet markings.....	.05	.25	
2587—King of Tom Thumb. Bright scarlet.....	.05	.25	
2588—King Theodore. Deep crimson.....	.05	.30	
2591—Pearl. Creamy yellow fading to primrose.....	.05	.25	
2592—Ruby King. Ruby red, salmon tinted.....	.05	.30	
2593—Spotted King. Dark yellow with brown spots.....	.05	.25	
2594—Vesuvius. Deep salmon rose.....	.05	.25	
2595—McKenzie's Choice Mixed.....	.05	.25	

Variegated Leaf Nasturtiums

Enthusiastic lovers of Nasturtiums hailed with delight this introduction. The time seems to be exceptionally ripe for something new, something different than the old types generally grown.

Unquestionably the Variegated-leaved are without a rival with beautiful and pleasing leaf markings of white, cream, gold, green, etc., and their gorgeous colored flower.

	Pkt.	oz.	¼ lb.
2539—Dwarf, Crystal Queen. Primrose, narrowly striped.....	.05	.20	.50
2545—Tall (Lobb's), Queen Wilhelmina.....	.05	.20	.50
2546—Tall (Lobb's), McKenzie's Choice Mixed.....	.05	.20	.50

Ivy Leaf Nasturtiums

No praise can be too high for this lovely creation. It has proven a surprise and delight to all who have grown it.

The plants in habit are similar to both the dwarf and tall varieties of the ordinary types. The leaves are a delicate English Ivy leaved form, while the flowers are of a striking yet daintily fringed formation.

	Pkt.	oz.	¼ lb.
2547—Dwarf, Othello. Deep maroon.....	.05	.20	.50
2548—Dwarf, Butterfly. Bright golden yellow.....	.05	.20	.50
2549—Dwarf, McKenzie's Choice Mixed.....	.05	.20	.50
2550—Tall, Flamingo. Orange scarlet.....	.05	.20	.50
2552—Tall, McKenzie's Choice Mixed.....	.05	.20	.50

Golden Leaf Nasturtiums

This Nasturtium has created widespread interest everywhere by its wonderful foliage and lovely hue of colors. Being so radically different from the ordinary type, the Ivy-leaved or the Variegated-leaved, it has proved their equal in popularity.

The leaves are of a beautiful clear golden yellow. In growth the plant is similar to other dwarf varieties.

	Pkt.	oz.	¼ lb.
2553—Cloth of Gold. Brilliant scarlet.....	.05	.20	.50
2554—Golden Midnight. Deep maroon.....	.05	.20	.50
2555—Golden Rose. True rose.....	.05	.20	.50
2557—Golden Pearl. Sulphur yellow.....	.05	.20	.50
2558—McKenzie's Choice Mixed.....	.05	.20	.50

Lobb's Climbing Nasturtiums

Grows very rapidly but the foliage and flower are smaller and more delicately shaped than the preceding. It is equally desirable as it embraces many beautiful varieties with a wide range of colouring.

	Pkt.	oz.	¼ lb.
2560—Golden Queen (new). Pure golden yellow.....	.05	.20	.35
2561—Lucifer. Very dark scarlet.....	.05	.20	.35
2563—McKenzie's Choice Mixed.....	.05	.20	.30
2565—Rudolph Virchow. Charming ruby color with rich yellow calyx and spurs.....	.05	.20	.35

Photo by A. E. McKenzie Co., Ltd

My Dwarf Nasturtiums turned out beautifully, and are simply one mass of bloom

MRS. D. STEARN,
Willowbrook, Sask.

My Dwarf Nasturtiums from you are lovely. I certainly am well pleased.
MRS. M. DESMARAIS,
Coderre, Sask.



Tall or Climbing Nasturtiums

This is the type of Nasturtium so extensively used for window boxes, verandahs, stone piles, walls, fences and unsightly locations. Our seed is of exceptionally robust growth, it gets away to a quick start and produces rapid, strong growing vines and profuse bloom.

	Pkt.	oz.	1/4 lb.
2566—Coccineum. Bright scarlet.....	.05	.20	.60
2567—Dunnett's Orange. Orange.....	.05	.20	.60
2568—Heinemanni. Chocolate.....	.05	.20	.60
2570—King Theodore. Rich crimson.....	.05	.20	.60
2571—Pearl. Cream white.....	.05	.20	.60
2572—Scheuermanni coccineum. Scarlet striped.....	.05	.20	.60
2574—McKenzie's Choice Mixed.....	.05	.20	.60

Nemesia (H.A.) Rivals the Lobelia

This is an exceptionally striking border, pot or window-box plant of very compact growing habit.

It is very free flowering with rich rare colors in shades of rose, white, scarlet, or yellow with the lower petal usually lipped or marked in another contrasting color; continuing in bloom for a very long time; grows about 12 inches high.

2615—Dwarf Compact Hybrids, choice mixed. Pkt..... .15

(Nigella Miss Jekyll)

2632—This is somewhat of a marvel amongst flowers, so fascinating in fact that the Hispanica types are usually known as "Love in a Mist," while this particular type is so handsome, its appearance so winsome and hypnotizing as to regale in the highly expressive name of "Devil in a Bush."

The beautiful large bright blue flowers of cornflower shape, 1 1/2 inches across, appear in double form, borne on long stems, interspersed gracefully among the exquisite fern-like foliage. Pkt..... .10



Pyrethrum.

Photographed by A.E. McKenzie Co., Ltd..



Photographed by
A. E. McKenzie
Co., Ltd.

Pyrethrum Prized for its extreme earliness

The special value of the Pyrethrum is unquestionably its extreme early flowering habit, being one of the first to bloom in the spring. This is a particularly good quality when it is used for borders. For decorative purposes and house bloom it is prized highly. When planted in groups their symmetrical shape, charming flowers and profusion of bloom are both effective and handsome. Resembles the Aster and Chrysanthemum in appearance, lasts longer when cut, blooms and flourishes under rough weather conditions.

	Pkt.
2819—Hybridum Grandiflorum Single. Large flowering types, blooms measure 3 to 4 inches across. Finest mixed.....	.10
2820—Hybridum Grandiflorum Double. Aster shape. Finest mixed.....	.25
2821—Hybridum Grandiflorum Comet-flowered. Colors range from white to blood red. Finest mixed.....	.25

Giant Petunia Gigantic, Rich, Beautiful Flowers

Petunia is the one flower we wish it possible to talk to each customer individually about, particularly these splendid types. Words will not express adequately our admiration for this glorious flower. It would seem the highest possible perfection had been reached in the Giants.

Petunias succeed nicely in our Prairie Soils—some of the most magnificent types ever grown are found right in the West.

They give a constant supply of the richest and most brilliant flowers of gigantic size, many measuring 5 inches across, from earliest summer until late frost. Beautifully fringed and ruffled, the diversity of color, plain and in unlimited combinations, ranges from pure white to deepest maroon.

Sow indoors or in open very early in the spring, exercising care to cover seed lightly, for if sown too deep they will not grow.

Of all the different flower seeds in the world Petunia is perhaps the most expensive, as well as the smallest, consequently the quantity is small and the price high. However, there is no flower at a less price that gives greater returns for the investment or more general satisfaction than Petunias.

We also wish to point out that it is quite characteristic of Petunia seed that the doubles do not produce more than 35% double flowers. The best means of securing doubles is to select the weakest looking plants when transplanting, as they invariably produce double blossoms.

	Pkt.
2724—McKenzie's Giant Double Fringed. Choice mixed.....	.25
2723—McKenzie's Giant Single Fringed. Choice mixed.....	.25

McKenzie's Giant Pansies

(Viola Tricolor Maxima) (H.P.)

Truly a Plant for the Million

We question if there is any flower, unless it is the Sweet Pea, that receives the attention from Hybridists as does the Pansy.

Fabulous sums, great scientific energy, immense care and years of painstaking effort and patience have been handsomely rewarded by the introduction of these giant pansies that bear in profusion superb types of wonderful large expanded flowers and handsome open face in exquisitely charming colors. Pansies that in substance are of dainty velvety appearance.

The range and combination of colors are truly marvelous, running from snow-white and almost every conceivable shade and fantastic combination to beautiful rose. Some are undulated, some fluted, others frilled like velvet from the centre out.

Seed may be sown indoors early in the spring for early summer flowering, sowing again in the open for late summer flowering (or late fall for the following early spring blooming).

We make a specialty of Pansies, we spare neither time nor money in hunting the world over for its best types—its purest strains, the newest creations of merit and the strongest fully matured seed.

If you want the grandest display, the most striking colors the most perfect flowers, send us your order; we know a trial will please you and win for us your everlasting goodwill and patronage. (See illustration.)

	Pkt.
2665—Giant Adonis. Light blue, with deep blue blotches on lower petals.	.10
2666—Giant Emperor Franz Joseph. A new white with large violet spots.	.10
2667—Giant Fire King. Lower petals golden, blotched magenta, upper petals purple, very showy.	.10
2668—Giant Golden Queen. Pure deep yellow, no eye.	.10
2669—Giant Indigo Blue. Very rich blue.	.10
2670—Giant Madam Perret. Wine shade on white ground, very showy.	.10
2671—Giant Prince Bismarck. Light brown, black eye, very showy.	.10
2672—Giant Vulcan. Brilliant dark red, with beautiful large black spots.	.10
2673—McKenzie's Giant. Mixed gorgeous shades and colors, 1/2 oz. \$2.00; 1/4 oz. \$1.25.	.10

Giant Pansy Mixtures

The undermentioned varieties of Pansies are of international reputation and being so well known the sale of each reaches huge proportions and continues to increase each year.

	Pkt.
2677—Bugnot's Large Blotched. A very beautiful class, large flowers with broad blotches; great diversity of handsomest and rarest colors.	.10
2678—Bugnot's Private Strain. Saved from best selected plants, an incomparable strain, producing many beautiful and rare varieties.	.15
2679—Cassier's Giant. The largest of all blotched Pansies; very showy and of unsurpassed quality.	.10
2680—Parisian Large Stained. Of immense size, mostly white ground and fine blotched, contains many fancy colors, 1/4 oz. \$1.25.	.10
2681—Masterpiece. A superb new class of blotched Pansies, the flowers are really gigantic and are invariably ruffled or undulated; a decidedly attractive race and quite an innovation.	.15
2682—English Prize Show. A very choice strain, 1/4 oz. \$1.00.	.10

Photographed by
A. E. McKenzie
Co., Ltd.



Bedding Pansies.

I want to let you know about my pansies "McKenzie's Giants." They are better this year than ever both in size and range of colors. I am certainly well pleased. Have some 80 new plants just beginning to bloom and nearly the same number of plants from last year's seed that are splendid.
July 22nd, 1915.

MRS. L. A. HILL, Blackfield, Alta.

My Pansies are beautiful. I am delighted with your seed.

DAVID VEITCH, Enid, Sask.



McKenzie's Giant Pansies

Giant Trimardeau Pansies

Noted for their freedom of bloom

This strain is recognized as one of the best, most perfect, most beautiful and varied ever introduced. The flowers are beautifully gold-edged, blotched and pencilled in the most delicate shades and markings.

The Trimardeaus are an exceptionally showy class of vigorous and compact growth and the flowers are of immense size, fully equalling that of the Giant varieties.

This is one of the freest blooming pansies there is.

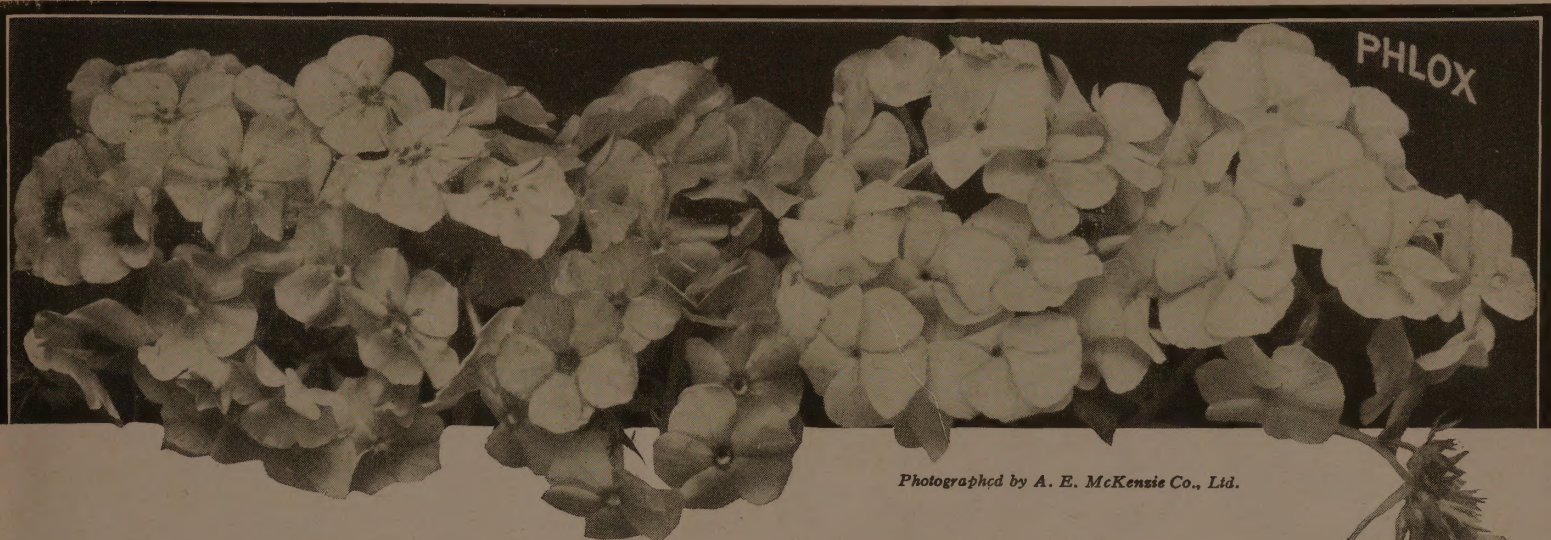
	Pkt.
2674—Trimardeau. White with purple eye.	.10
2675—Trimardeau. Yellow with black eye.	.10
2676—McKenzie's Trimardeau. Finest mixed 1/2 oz. \$1.50; 1/4 oz. 85c.	.10

I believe every seed of your Bugnots Famous Pansies grew. The flowers are immense and everybody admires them. Have given a great many to my friends who are delighted with them.

MRS. J. FAULCONER, Shevlin, Man.

QUALITY

Means the best and finest types obtainable. McKenzie's Seeds comply with this in every particular—every time.



Photographed by A. E. McKenzie Co., Ltd.

Phlox Drummondi (One of the easiest flowers to grow)

Impossible to overrate the beauty and grandeur of this most charming and attractive annual when planted in mixed borders or masses. The splendor and freshness they impart to a garden, the brilliancy of the blooms and the diversity of colors—some of the flowers are selfs, others with striking centres in direct contrast to the outer coloring of the petals—entitles this plant to be considered an ideal flower for city and country gardens. Each plant is literally overloaded with clusters of delicately shaped flowers peeping out well above the foliage. We have carefully selected those varieties, which, by their brightness and characteristics are sure to show up prominently in a flower bed.

The "Grandiflora" types produce very large flowers, but the habit is more straggly than the "Nana Compacta" which is dwarf and forms very compact and well shaped plants, profusely decorated with a mass of blooms.

This Half Hardy Annual is easy to grow, thriving in any good garden soil but prefers plenty of sunshine.

Photographed by McKenzie Co., Ltd.



Shirley Poppies

Phlox and Poppies—two Standard Favorite Flowers. Get McKenzie's!

2729—Drummondi Grandiflora atropurpurea albo-oculata, a fine deep purple flower with striking eye.	Pkt. .10
2731—Drummondi Grandiflora Chamois. Rose with white eye, a charming flower.	.10
2732—Drummondi Grandiflora Kermesina Splendens. Vivid crimson, very bright and effective.	.10
2734—Drummondi Grandiflora Snow White. A pure white of good substance.	.10
2735—Drummondi Grandiflora. Finest mixed, ½ oz. .50	.10
2741—Nana Compacta cinnabrina. A brilliant scarlet self.	.10
2742—Nana Compacta coccinea. A glowing fiery red self.	.10
2743—Nana Compacta Fireball. An extra fine variety, color blood red.	.10
2745—Nana Compacta Snowball. A pure white, of good quality.	.10
2746—Nana Compacta Splendens. A bright crimson with a decided white eye.	.10
2747—Nana Compacta choice mixed, ¼ oz. .85	.10
2748—Nana Compacta Cicely finest mixed. Of dwarf habit, producing very large flowers on compact plants. When in full bloom, make a charming display, the flower heads being immense. A decided acquisition and a novelty of merit, ¼ oz. .85	.10

Poppy (Papaver)

Gorgeous and Dazzling

We never yet saw a person who had the pleasures to witness a bed of Poppies but expressed the keenest delight and admiration for their splendor.

Rarely does a flower combine brilliancy of effect with dainty and artistic colorings to such a degree of perfection as Poppies, with their varied single, semi-double and double forms, with petals sometimes fringed, curled and twisted in peculiar shapes, whilst others have the petals beautifully rounded, broad and smooth edged. The colors are not only gorgeous but dazzling, with a wide expanse of tints comprising pure white, scarlet, dark purple, rose, salmon, etc., and all intermediate shades, as well as others which are edged, striped and blended with other colors.

Poppies are easily grown and should, whenever possible, be sown where they are intended to flower, as they do not stand transplanting successfully.

SINGLE ANNUALS

2768—Admiral. (Pæony Flowered) white with broad brilliant scarlet band, very effective.	Pkt. .05
2769—Burbank's New Santa Rosa. (Shirley) finest mixed, a magnificent strain and will give a most pleasing display of gorgeous brilliant blooms. Oz. .60	.10
2770—Dainty Lady (Pæony Flowered). Flowers are very large, frequently measuring 5 inches across, color rosy mauve, deeply blotched in the centre of each petal. Quite distinct.	.10
2771—Miss Sherwood (Pæony Flowered). Petals satiny white shading to chamois rose. A striking combination; flowers immense.	.05

DOUBLE ANNUALS

2782—Ariel (Pæony Flowered). A charming early variety; color salmon red on white ground, outer petals garnished at the base with a lilac blotch.	.10
2783—Laciniatum "Shrimp Pink." Flowers of immense size and beautifully fringed. The color is a soft rosy pink, shading off to a lighter tint at the edge of the feathery-like lacinated petals.	.15

I am much pleased with your Drummondi Phlox, they are beautiful. I am satisfied the germination of your seed is high enough for anybody.

MRS. J. F. BAXTER,

Cutknife, Sask.

The Phlox came along beautiful and the colors are very rich and the cluster large and full.

CARL WAGGONER,

Kelliher, Sask.

Sweet William

A Beautiful Colored, Sweet-Scented Flower.
(*Dianthus barbatus*)

A general favorite and held in high esteem. As a border plant it has few equals, being very showy, especially when planted in clusters and as the brilliant colored flowers are borne in umbels, the stalks radiating from one point, quite a charming effect is created. Our mixture contains quite an assortment of colors, for besides self some of the flowers have a striking white eye, surrounded by rose, pink or some other color on the outer portion of the petal. The flowers are very fragrant and floriferous. The improved forms we are offering are much superior to the old types; the individual flowers are larger and more rounded in shape, with colors more distinct and refined. A hardy biennial. 1½ foot high.

3072—Single Pink Beauty. Salmon pink flowers, highly attractive.....	.10
3073—Single Scarlet Beauty. A rich scarlet, an exquisite and dazzling color.....	.15
3074—Single Finest Mixed. 1 oz. .30	.05
3075—Double White. Extra choice strains.....	.10
3076—Double Blood Red. Extra choice strains.....	.10
3077—Double Mixed. Of well assorted colors.....	.10

Ricinus Zanzibarensis (Castor Oil Plant)

Ornamental and Useful.

A very attractive tall growing, branching plant of vigorous habit; foliage bronze color changing to dark green, red ribs. Highly recommended as a decorative plant, singly or in bed centres, giving a rich tropical effect. Seeds should be planted in May or sown singly in pots in early Spring and afterwards transplanted.

2832—Mixed. Oz. 20c. Pkt..... 5c

NOT ONLY PRIZES BUT FIRST PRIZES

I took all our Prizes in Vegetables and Flowers with your Seeds, which, as your books will show, I have used for years. I took 12 First Prizes, 1 Second, 1 Special and several Flower Specials.

J. A. FOWLE, Outlook, Sask.

Sweet William

Photographed by A. E. McKensie Co., Ltd.

Schizanthus (Butterfly Flower)

Wisetonensis Hybrids

This is considered the pick of all the many charming *Schizanthus* varieties, and is rightly termed the "Poor Man's Orchid," resembling that aristocratic flower closely in form.

The many delicate colorings enhance the beauty of the flower with their delicate cut or fringed petals. There are many varied colors, chiefly light shades, ranging from white with delicate rose markings to pink with brown centres. Makes an excellent pot plant, is suitable for decorative purposes as well as an effective border plant. The strain we offer of this charming flower is absolutely first class.

2866—Choice mixed. Pkt..... .25



Schizanthus Wisetonensis

Photographed by A. E. McKensie Co., Ltd.

I would also like to say my success with your seeds this summer was great. My sweet peas were first planted in an unfavorable position and yet I had a profusion of lovely blooms up to the first week in October.

The pansies have been a constant delight and markings beautiful.

Many thanks. I shall order of you next Spring, all being well.

E. H. PEDRICK,
Dugald, Man.
October 15th, 1915.

My Sweet Williams are the best this season I ever had.

MARK BUELL,
Leduc, Alta.



Ricinus (Castor Oil Plant) Photographed by A. E. McKensie Co., Ltd.

We have the **FINEST STRAIN** of Flower Seeds in the West

Verbena (McKenzie's Large Flowered)

A DECIDEDLY CAPTIVATING FLOWER

One of the dear old flowers that will always be popular both for garden and house. It has no equal for constant profuse flowering, brilliancy and beauty of colors. Fewer plants are better liked and give more satisfaction; strong, healthy and vigorous. By sowing inside and transplanting, you get a very early bloom, continuing until after first frost.

3092—McKenzie's Large Flowered.	Striped colors.	Pkt. .10
3094—McKenzie's Large Flowered.	White.	.10
3097—McKenzie's Large Flowered.	Choiced mixed.	.10

Photographed by A. E. McKenzie Co., Ltd.



Zinnia

McKenzie's Superb Zinnia

Perfect Doubles
Exquisite Shade
Splendid Sizes

(See illustration).

No amount of praise is too great for this great favorite. Flowers throughout the entire summer and early fall, producing an abundance of large double blossoms which are varied and of brilliant colors. Each bloom lasts about six weeks before fading. The Zinnia is a very free grower and of robust habit. Does well under most all conditions. Each plant blooms in a striking manner and a complete mass of bloom at all times. For perfect doubleness, splendid size, variety and shades are unsurpassed.

3159—McKenzie's Mammoth Flowered. Choice Double mixed. Pkt. .10; ½ oz. .60c; oz. \$1.00.

—Lilliput. The small neat pompom flowers arranged on miniature bushes of compact habit are very showy.

3161—Double. Finest mixed. Pkt. .10; ½ oz. .60; oz. \$1.00.



Verbena

Photo by
A. E. McKenzie
Co., Ltd.



Grown
from our
True Type
Selected
Stock Seed

Large Flowering Ten Week Stocks

The largest of all the large double types.

The remarkable perfect flowers of this type, produced from one end of the great West to the other, amply substantiates our oft repeated declaration that the Canadian West is the ideal climate and soil for stocks.

Forming in a candelabra-like manner from a centre spike in exceedingly brilliant colors they are a most inspiring sight.

The large double flower, much like a double rose, waxy of texture, varying in colors from white to deep red has a fragrance most delicate and exquisite.

It is of compact growing habit, very profuse bloomer, and of extreme hardiness.

We have been most painstaking in the selection of seed, using selected plants, grown in pots, hand fertilized and rogued in order to produce seed with higher percentage of double flowers than those produced from field grown stocks.

Thus, we know our strains are of the highest type, vastly superior to the usual sorts, producing a flower equally superior in every way.

2892—Large Flowering Dwarf Ten Week.	Pure white, ¼ oz. \$2.00.	Pkt. .10
2893—Large Flowering Dwarf Ten Week.	Blood red.	.10
2894—Large Flowering Dwarf Ten Week.	Crimson.	.10
2895—Large Flowering Dwarf Ten Week.	Light blue.	.10
2896—Large Flowering Dwarf Ten Week.	Purple.	.10
2897—Large Flowering Dwarf Ten Week.	Flesh pink.	.10
2898—Large Flowering Dwarf Ten Week.	Scarlet.	.10
2899—Large Flowering Dwarf Ten Week.	Superb mixed, ¼ oz. \$1.75.	.10
2900—Dwarf Ten Week "Snowflake"	the earliest of the whites, excellent for pot culture with spikes of large snow white flowers of superb substance.	.15
2901—Princess Alice.	A perpetual or branching variety with beautiful large spikes. An excellent sort for cutting, and if seed is sown early will produce a constant supply of bloom throughout the summer.	.10

Users everywhere attest to the exceptional merit of McKenzie's Flower Seeds

McKenzie's Superior Flower Seeds—Best for the West

Abbreviations

The undernoted initials bear the following significations:

H.A.—Hardy Annuals.	H.P.—Hardy Perennials.
H.H.A.—Half Hardy Annuals.	H.H.P.—Half Hardy Perennials.

ABRONIA (Sand Verbena) (H.H.A.) A charming trailing plant suitable for hanging baskets and rock-work. Flowers of a rose pink color. Sweet scented, July-August.

1601—*Umbellata grandiflora*. Pkt.05

ABUTILON (Chinese Bell Flower) (G.P.) The bell-shaped flowers vary in color from pure white, orange and rose, blooms profusely; of easy culture. From early spring sowing plants will flower first season. March-October.

1606—*Finest Mixed*. Pkt.10

ACROCLINIUM (H.A.) A popular "Everlasting," greatly esteemed for winter bouquet work. The flowers should be gathered young; 1 ft. July-Sept.

1621—*Album*. Single white. Pkt.05

1622—*Roseum*. Single rose. Pkt.05

1623—*Mixed*. Single. Pkt.05

ADONIS (Flos Jovis or Pheasant's Eye) (H.A.) Of easy culture, flowers deep crimson; a free bloomer; 1½ ft. July-Aug.

1628—*Cestivalis*. Pkt.05

AGERATUM (Floss Flowers) (H.H.A.) A very useful bedding plant, suitable for edging, lasts in flower a long time; does not fade; 6 to 12 inches. July-Sept.

1633—*Mexicanum*. Blue. Pkt.05

1634—*Mexicanum album*. White. Pkt.05

1636—*Mexicanum Swanley Blue*. Large flowers, deep blue. Pkt.05

AGROSTEMMA (Rose of Heaven) (H.A.) Very attractive rose colored flowers of easy culture; 1 ft. July-Aug.

1641—*Coeli rosea*. Pkt.05

3103—*ALOYSIA citriodora*. See Verbena.

AMARANTHUS (H.A.) Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors; a striking contrast and very effective; should be grown in a sunny situation; 3 to 4 ft. July-Sept.

1653—*Caudatus* (Love Lies Bleeding) Drooping panicles of deep crimson flowers. Pkt.05

1654—*Tricolor Splendens* (Joseph's Coat) Foliage red, yellow and green. Pkt.10

1655—*Mixed*. Per oz. .30. Pkt.05

ANAGALLIS (Pimpernelle) *grandiflora* (H.H.A.) The small flowers are very attractive. Fine for edging, pots, etc.; 6 inches. July-Sept.

1660—*Finest mixed*. Pkt.05

ANCHUSA (H.P.) A very attractive plant of branching habit producing an abundance of gentian blue flowers. Highly recommended as a border plant; 4 ft. July-Sept.

1665—*Italica "Dropmore"* Pkt.25

ANTHEMIS (Hardy Marguerite) (H.P.) A very free flowering border plant. Useful for table decoration, flowers golden yellow; 1½ ft. July-Sept.

1676—*Kelwayi*. Pkt.10

AQUILEGIA (Columbine) (H.P.)

1700—*Chrysantha*. Golden yellow, long spurred, single. Pkt.10

1701—*Skinneri*. Yellow, green, orange; single. Pkt. .10

1703—*Double Mixed*. Contains a wide range of colors .05

ARCTOTIS (African Daisy) (H.A.) Of handsome appearance the flowers are large and floriferous and are borne on long stems well above the foliage; color pure white on the upper surface; the reverse side is a pale lilac with a yellow zone in centre; 1½ ft. July-Sept.

1713—*Grandis*. Pkt.10

ARGEMONE (Mexican or Prickly Poppy) (H.A.) A very showy plant, the foliage is thistle-like, spotted white. The flowers are immense, frequently measuring 4 inches across; of various shades of white and yellow, of easy culture but prefers a sunny position; 2 to 3 ft. July-August.

1718—*Grandiflora hybrids*. Mixed. Pkt.05

ASPERULA. Adapted for rockeries and borders and succeeds best in shady situations. The leaves when dried impart a hay-like scent and will keep the insects from clothes; 6 to 12 inches. July-Aug.

1733—*Azurea setosa* (H.A.) The small fragrant lavender flowers combined with graceful and light foliage make it prized for cutting. Pkt.05

1738—*Odorata* (Sweet Woodruff) (H.P.) An old favorite esteemed for its fragrant leaves, flowers pure white. Pkt.05



Aster



Ageratum



CHRYSANTHEMUM

Abbreviations

The undernoted initials bear the following significations:

H.C.—Hardy Climbers.	H.B.—Hardy Biennials.
H.H.C.—Half Hardy Climbers.	G.P.—Greenhouse Plants.

ASTER (H.H.A.) One of the most popular bedding plants in cultivation, suitable for decorative purposes, with a fine array of color; 6 inches to 2 ft. July-Sept.

Vicks' Branching. Resembles the Pæony, flowered, of vigorous habit; the blooms are large and graceful and are borne on very long stems, making them suitable for cutting; 18 inches.

1803—*Finest mixed*. Pkt.10

Queen of the Market. The earliest flowering variety, ready to cut two weeks before any other; of branching habit, flowers large and prolific bloomer; excellent for growing under glass; 1½ ft.

1805—*Finest mixed*. Pkt.05

Washington or Giant Victoria. Resembles Victoria but larger, with petals more loosely arranged. Flowers average 5 inches in diameter. A superb variety; 1½ ft.

1813—*Finest mixed*. Pkt.10

New Christmas Tree. Plants branch horizontally, bearing from 70 to 100 flowers. Very effective for beds or pots; 1½ ft.

1818—*Finest mixed*. Pkt.10

Triumph. Pæony-shaped flowers of miniature size. Adapted for pots and beddings; 1 ft.

1823—*Finest mixed*. Pkt.10

Japanese or Tassel. A charming variety of the Chrysanthemum flowered type. Immense double flowers, petals long, narrow and twisted; 15 inches high.

1828—*Finest mixed*. Pkt.10

Chrysanthemum Flowered Dwarf. Producing large, perfect, double flowers; 1 ft.

1833—*Finest mixed*. Pkt.05

Mignon. A small type of Victoria, extremely floriferous, fine for cutting; 1 ft.

1835—*Finest mixed*. Pkt.10

Betteridge's Prize Quilled. Large double flowers distinct; 2 ft.

1843—*Finest mixed*. Pkt.05

Sinensis Single. Strikingly effective and increasing in popularity each year as a contrast to the double varieties. Flowers produced on long stems, suitable for decorative work; 1½ ft.

1845—*Finest mixed*. Pkt.05

AUBRETIA (H.P.) A pretty dwarf hardy Alpine plant, producing clusters of rosy carmine flowers; 4 inches. June-July.

1870—*Leichtlini*. Pkt.15

AURICULA (H.P.) Saved from prize strain. Very popular bedding and pot plant. Flowers produced in umbels; 6 inches.

1865—*Extra choice mixed*. June-July. Pkt.25

BACHELOR'S BUTTON. See *Centaurea Cyanus*.

BEET (H.H.A.) Their attractive foliage adds lustre to a flower border.

1891—*Ornamental Chilean scarlet*. Pkt.05

1892—*Ornamental Chilean yellow*. Pkt.05

BEGONIA (H.H.P.) Unquestionably one of the most attractive bedding and pot plants, remaining in bloom throughout the summer. Sow seed under glass in February for flowering in July. 1 ft. July-Sept.

1897—*Tuberous rooted*. Single choice mixed. Pkt. .15

1898—*Tuberous rooted*. Double choice mixed. Pkt. .25

1899—*Gracilis*. McKenzie's Special Mixture. Pkt. .15

1900—*Semperflorens Vernon*. Charming blood red flowers with dark foliage. .15

1901—*Rex*. Ornamental foliage of red, bronze, green, etc. Pkt.50

BELLIS PERENNIS (Double English Daisy) (H.P.) Invaluable for border edging. If sown early will bloom same season. 4 inches. June-Sept.

1906—*Mammoth White*. Double. Pkt.10

1907—*Longfellow*. Double rose. Pkt.10

1908—*Double Mixed*. Pkt.10

1909—*Double Quilled*. Mixed. The petals are elegantly twisted, making the flowers very attractive. Pkt.25

- BRACHYCOMBE** (Swan River Daisy) (H.A.) Useful border plant, flowers white and blue, 6 inches. July-Sept.
- 1914—Iberidifolia. Mixed. Pkt. .05
- BROWALLIA** (Amethyst) (H.A.) Grows freely, abundant bloomer, flowers white, blue and purple, with glossy foliage. 1½ foot. July-Aug.
- 1919—Elata. Pkt. .05
- CALCEOLARIA** (Slipper Flower) (G.A.) An unrivalled strain. The flower heads are large and well developed, of exquisite shades. Mostly self spotted and striped. Plants are well shaped, and flower profusely throughout spring and summer. 1 ft. May-Nov.
- 1929—McKenzie's Superb Mixture. Pkt. .50
- CALENDULA** (Pot Marigold) (H.A.) Makes a very fine border plant; universally popular. Flowers are large and striking. 1 to 1½ ft. July-Sept.
- 1935—Officialis fl. pl. Meteor, double yellow, striped lemon. Pkt. .05
- 1936—Officialis fl. pl. Prince of Orange. A darker shade than Meteor. Pkt. .05
- 1937—Officialis fl. pl. A choice double strain, mixed. Pkt. .05
- 1938—Pluvialis (Cape Marigold) White, under side of petals lilac, single flowers. Pkt. .05
- CALIFORNIA POPPY**. (See *Eschscholtzia*.)
- CALLIOPSIS** (H.A.) Popular border plant, useful for cutting; flowers all summer. 2 ft. July-Sept.
- 1943—Tinctoria. Golden yellow. Pkt. .05
- 1944—Golden Ray. New and distinct; flowers bright brown and golden yellow, bushes compact and generally covered with a dense mass of bloom. Pkt. .05
- CAMPANULA** (Harebell) (H.P.) One of the most popular of the hardy border plants, and should be included in all herbaceous beds.
- 1949—Carpatica, blue, broadly bell-shaped, in loose panicles. 12 inches. July-Sept. Pkt. .05
- 1950—Carpatica alba. White. Pkt. .05
- 1951—Macrantha. Blue, a hybrid form with hairy stems, 3 ft. July-Aug. Pkt. .05
- 1955—Pyramidalis. A most beautiful and stately blue flower. Suitable for pot or garden culture. 3 ft. July-Sept. Pkt. .05
- 1956—Pyramidalis alba. The white form of the preceding. 3 ft. July-Sept. Pkt. .05
- CANARY BIRD CREEPER** (H.C.) An annual climber of merit, a quick grower, with canary yellow butterfly-like flowers. July-Sept.
- 1959—Canariensis. Oz. .30. Pkt. .05
- CANNA** (Indian Shot) (H.H.P.) Highly effective when planted in clumps or groups; also adapted for pot culture. 3 to 6 feet. Aug-Sept.
- 1974—Choicest Mixed. Pkt. .10
- CANTERBURY BELL** (H.B.) Very effective in borders. If sown early under glass will flower first season. 3 ft. July-Sept.
- 1982—Single Mixed. A variety of color. Pkt. .05
- 1983—Double, Finest Mixed (Hose in Hose) An unequalled strain. Pkt. .10
- CARDIOSPERMUM** (Balloon Vine) (H.C.) A rapid annual climber. Flowers are white, followed by seed pods which are balloon-shaped. Prefers a warm sunny situation. July-Sept.
- 1985—Halicacabum. Pkt. .05
- CASTOR OIL PLANT**. See *Ricinus*.
- CENTAUREA**. These are classified as hardy annuals and perennials. Very effective in the garden. 1½ foot. July-Sept.
- 2011—Americana (H.A.) Easily the largest flowered of all. Flowers measure 3 inches or more in diameter and of an attractive shade of lilac. Worthy of a place in all gardens. Pkt. .10
- 2012—Americana alba. Same as preceding except in color. Creamy white flowers. Pkt. .10
- CYANUS MINOR** (Bachelor's Button) (H.A.) The German national flower. Single flowers, adapted for cutting.
- 2013—Emperor William (H.A.) Bright blue (sky) Pkt. .05
- 2014—Mixed. Oz. .30. Pkt. .05
- CHRYSANTHEMUM**. The single and double form of this popular annual are always in great request as a cut flower. For flower beds they are invaluable. The annual varieties must not be confounded with the autumn flowering or perennial sorts.
- 2020—Tricolor atrococcineum (H.A.) Dark scarlet flowers. 2 ft. July-Sept. Oz. .25. Pkt. .05
- 2021—Tricolor Burridgeanum (Lord Beaconsfield) (H.A.) White and rose. 2 ft. July-Sept. Oz. .25. Pkt. .05
- 2022—Tricolor Eclipse (Chamelon) (H.A.) A light coppery bronze, with a bright purplish crimson zone, the blackish purple disc encircled with golden yellow. 2 ft. July-Sept. Pkt. .05
- 2023—Frutescens (Paris Daisy or Marguerite) (H.H.P.) An established favorite; flowers on slender erect stems, with pure white ray florets surrounding a yellow disc. 2 feet. July-Sept. Pkt. .05
- 2024—Inodorum plenissimum (H.P.) A mass of bloom. Flowers double; of a pure snow white color. 1½ foot. July-Sept. Pkt. .05
- 2025—Maximum (Shasta Daisy) (H.P.) Suitable for herbaceous border. Flowers are large, pure white, with yellow disc, edge of petals notched. Useful for table decoration. 3 ft. July-Sept. Pkt. .10
- CINERARIA HYBRIDA**. A greenhouse annual, greatly in demand as a pot plant in the spring; used for decorative purposes. This mixture contains a large variety of color; all shades of white, violet, blue and crimson. Cannot be excelled for size and quality. 1 ft. Mar-Apr.
- 2031—McKenzie's large flowered prize strain, mixed. Pkt. .50
- 2036—Stellata (Star Cineraria) (G.P.) This miniature form is hard to beat for cutting and all kinds of decorative work. Blooms freely, and for gracefulness is incomparable. 1½ ft. Nov-Apr. Finest mixed. Pkt. .50
- CLARKIA** (H.A.) Very popular and fine for cutting. Colors: white, rose and purple. 1½ ft. July-Sept.
- 2041—Pulchella. Single mixed. Pkt. .05
- 2042—Elegans. Double mixed. Pkt. .05
- COBÆA** (Mexican Ivy) (H.H.P.) A rapid perennial climber, which easily attains the height of 20 to 30 ft. Flowers are blue, large and bell-shaped. Most attractive. Can be treated as a half hardy annual. July-Sept.
- 2047—Scandens. Pkt. .05
- COLEUS** (H.H.P.) Leaves richly variegated. Ornamental foliage plant. 1 to 3 ft.
- 2052—Finest mixed. Pkt. .15
- COLLINSIA BICOLOR** (H.A.) Suitable for bedding. Shades of white, violet and blue. 1 ft. July-Sept.
- 2057—Mixed. Pkt. .05
- CONVOLVULUS** (Climbing Morning Glory) (H.A.) The well-known climber of rapid growth. Essentially the plant for covering walls or unsightly places. Flowers profusely. June-Sept.
- 2062—Major mixed. Oz. .15. Pkt. .05
- 2063—Minor mixed (Dwarf Morning Glory) (H.A.) 1 ft. June-Sept. Oz. .15. Pkt. .05
- 2064—Mauritanicus (H.P.) A beautiful trailing plant, suitable for hanging baskets. 1 ft. July-Sept. Pkt. .05
- CORNFLOWER**. See *Centaurea Cyanus*.
- COSMOS** (H.A.) This popular flower comes into bloom when other flowers are on the wane, and thus increases the duration of brilliancy of colors in the garden. Flowers are large and produced on long stems, and are suitable for decorative purposes. 4 to 5 ft. Aug-Sept.
- 2075—Extra Early Flowering. An improved strain which by careful selection will produce flowers in August, and will continue to flower until frost arrives. All shades of red and white. Pkt. .10
- CYCLAMEN** (G.P.) One of the best indoor plants for vases, table decoration, etc. The flowers stand well above the foliage, are very graceful and of brilliant colorings in all shades of red, and pure white. 9 inches. Nov-April.
- 2080—Persicum, a very good strain, choice mixed. Pkt. .10
- 2081—Persicum giganteum, superb strain mixed flowers of immense size, and strikingly handsome. McKenzie's choicest mixed. Pkt. .25
- CYPRESS VINE**. See *Ipomœa*.
- DAHLIA** (H.H.P.) A very attractive plant producing a constant supply of flowers from Aug-Sept. 3 to 5 ft.
- 2086—Double, choice mixed. Pkt. .10
- 2087—Cactus, choice mixed. Pkt. .15
- 2088—Pompon, choice mixed. Pkt. .10
- 2089—Single, choice mixed. Pkt. .05
- Giant Perfection. Large and graceful. In great request for table decoration.
- 2091—Single, choice mixed. Pkt. .10
- DAISY**, English. See *Bellis Perennis*.
- Shasta, See *Chrysanthemum maximum*.
- DIGITALIS** (Foxglove) (H.B.) *Gloxiniiflora*, suitable for borders. 4 ft. July-Sept.
- 2142—Choicest mixed. Pkt. .05
- DOLICHOS** (Hyacinth Bean) (H.A.) A rapid climber with cluster of bean-like flowers. Aug-Sept.
- 2162—Mixed. Pkt. .05
- EDELWEISS**. See *Gnaphalium*.
- ERYSIMUM** (H.A.) Charming dwarf annual, bright reddish orange flowers with lance-shaped leaves. 1 ft. July-Aug.
- 2177—Perofskianum. Pkt. .05
- EVERLASTINGS**. See *Helichrysum*.
- 2480—Evening Scented Stock. See *Matthiola*.
- FLAX**. See *Linum*.
- FORGET-ME-NOT**. See *Myosotis*.
- FOUR O'CLOCK**. See *Marvel of Peru*.
- FOXGLOVE**. See *Digitalis*.
- FUCHSIA** (G.P.) Suitable for the house or shady border, pendant flowers. 3 to 8 ft. Mar-Oct.
- 2217—Single and double choicest mixed. Pkt. .25
- GERANIUM** (Crane's Bill) (G.P.) The well-known pot plant. 1 to 3 ft. May-Nov.
- 2235—Apple scented. Leaves very odoriferous. Pkt. .25
- 2236—Zonale. Fine mixed. Pkt. .10
- 2237—New Large Flowering or Show (Pelargonium) Choicest mixed. Pkt. .25
- GERBERA** (Transvaal Daisy) *Jamesoni hybrida* (G.P.) One of the latest floral novelties, unprecedented for its beauty; colors range from pure white to yellow, orange, pink, scarlet and crimson. Flowers are produced on long stems and last in bloom two weeks after cutting. Distinctly an artistic ornament for the table. Will flower first season if sown early. 1 to 1½ ft. July-Sept.
- 2242—Choicest mixed. Pkt. .50
- GEUM** (H.P.) An excellent border plant with dark crimson flowers. 1 ft. July-Sept.
- 2247—Atrosanguineum fl. pl. Pkt. .05
- GILIA** (H.A.) Shades of lavender, yellow and white. Useful for beds. 1 ft. July-Sept.
- 2252—Tricolor. Dwarf mixed. Pkt. .05
- GNAPHALIUM** (Edelweiss) (H.P.) An Alpine plant, suitable for rock work. The Swiss National flower. 6 to 9 inches.
- 2267—Leontopodium. Pkt. .15
- GOSETIA** (H.A.) Merits its popularity, very free flowering, fine for bedding, imparting a gay appearance to the border. 1 ft. July-Sept.
- 2272—Duchess of Albany. Satiny white. Pkt. .05
- 2273—Duchess of Fife. White, spotted carmine. Pkt. .05
- 2274—Gloriosa (Lord Roberts). Dark glowing red. The darkest of all. Pkt. .05
- 2275—Lady Albemarle. Dark crimson. Pkt. .05
- 2276—Lady Satin Rose. Bright carmine, extra rich color. Pkt. .05
- 2277—Finest mixed. Oz. .50. Pkt. .05
- GOURDS** (*Cucurbita*) ornamental (H.A.) Vines of rapid growth, suitable for covering verandahs, arbors, etc.
- 2282—Dipper. Very useful. Pkt. .05
- 2283—Hercules Club. Long, tapering towards the stem end. Pkt. .05
- 2284—Japanese Nest Egg. Useful, color white. Pkt. .05
- 2285—Mixed. Pkt. .05
- HELICHRYSUM** (Everlastings) *monstrosum* (H.H.A.) Flowers are large and bright in color. Should be cut when partially opened. 1½ ft. July-Sept.
- 2313—Double mixed. Pkt. .05
- HELIOTROPE** (Cherry Pie) (H.H.P.) Mammoth Flowering. The well-known fragrant flower; the heads frequently measure 12 inches in diameter. Seed sown early will produce flowers in the summer. 2 ft. Aug-Sept.
- 2318—Choice mixed. Pkt. .10
- HESPERIS**. See *Sweet Rocket*.
- HONESTY** (*Lunaria biennis*) (H.B.) Very ornamental, much prized for decorative purposes, the silvery seed pods give a charming effect when interspersed in a bouquet. 2 ft. July-Aug.
- 2342—Choice mixed. Pkt. .05
- HUMULUS** (Japanese Variegated Hop) (H.A.) A rapid hardy climber suitable for covering verandahs, logs of wood, etc. Flowers greenish yellow. 15 ft. July-Sept.
- 2347—Japonicus variegatus. Pkt. .10
- HUNNEMANNIA** (Giant Yellow Tulip Poppy) (H.A.) This variety is the most prolific of all the Poppy family. A succession of bloom can be assured from May sowings, commencing about the middle of July and continuing until late in the fall. Flowers are cup shaped, large, golden yellow and very attractive, the colorings of the wavy petals being enhanced by the clusters of bright orange red stamens in the centre. 2 ft. July-Sept.
- 2352—Fumaricifolia. Pkt. .10
- HYACINTH BEAN**. See *Dolichos*.

- IBERIS** (Hardy Candytuft) (H.P.) An excellent rock or border plant with a mass of small delicate lilac flowers which bloom in early spring. June-July. .10
- 2357—Gibbaltaria.** Pkt. .10
- ICE PLANT.** See *Mesembryanthemum crystallinum*.
- IPOMŒA.**
- 2370—Setosa** (Brazilian Morning Glory) A vigorous climber, covers an immense area, large rose colored flowers with pink centre. 10 to 20 ft. Pkt. .10
- KAULFUSSIA** (H.A.) A charming border plant with deep blue ray florets encircling a blue or yellow disc. 12 inches. July-Sept. .05
- 2376—Ameloides.** Pkt. .05
- LANTANA hybrids** (H.H.P.) Suitable as a pot or bedding plant. Flower heads of verbena-like shape in shades of orange, white, rose, etc. 2 ft. July-Sept. .05
- 2386—Choice mixed.** Pkt. .05
- LARKSPUR** (H.A.) A most desirable flower in the garden. The handsome spikes of closely formed flowers produced in brilliant hues demonstrate its value as a showy border plant. 1 to 2 ft. July-Sept. .05
- 2391—Dwarf Double Rocket.** A splendid array of colors. Choice mixed Oz. .35 Pkt. .05
- 2392—Double Stock Flowered or Tall Branching.** An unsurpassable strain of amazing beauty. Oz. .35 Choice mixed. Pkt. .05
- 2393—Dwarf Candelabrum.** Fine double mixed. Pkt. .05
- LATHYRUS** (Everlasting Pea) (H.P.) A very free growing climber, blooms profusely, flowers odorless. 6 to 8 ft. July-Sept. .05
- 2398—Latifolius Mixed.** Pkt. .05
- 2399—Latifolius, albus.** Pure white. Pkt. .10
- LAVATERA** (Tree Mallow) (H.A.) Very showy border plant with large saucer-shaped flowers in red and white. 2 ft. July-Aug. .05
- 2404—Mixed.** Pkt. .05
- LEMON VERBENA.** See *Verbena*.
- LEPTOSIPHON French Hybrids** (H.A.) An attractive border plant suitable for edgings, all shades of color. 9 inches. July-Sept. .05
- 2409—Mixed.** Pkt. .05
- LINARIA** (Toadflax) (H.A.) A charming border plant, flowers golden yellow and purple, the contrast between the two colors having a pleasing effect; dwarf habit. 2 to 4 feet. July-Sept. .05
- 2414—Reticulata aureo purpurea.** Pkt. .05
- 2415—Cymbalaria** (Kenilworth Ivy or Mother of Thousands) (H.P.) A graceful dwarf trailing plant with branches 2 ft. long, suitable for hanging baskets, vases, etc.; flowers lavender and purple with yellow centre, and short spurs. July-Sept. Pkt. .10
- LOBELIA.** The most effective of all border plants for edging and carpet bedding. Plants are compact and free flowering, remaining in bloom all the summer. 4 to 12 in. .10
- 2428—Emperor William** (H.H.A.) Light blue, compact. 1/4 oz., \$1.00. Pkt. .10
- 2429—White Gem** (H.H.A.) White. Pkt. .10
- 2430—Cardinalis** (H.H.P.) The dazzling scarlet flowers immediately attract attention in a flower border. 1 ft. July-Aug. Pkt. .15
- LOVE'S GROVE.** See *Nemophila*.
- LOVE IN A MIST.** See *Nigella hispanica*.
- LOVE LIES BLEEDING.** See *Amaranthus caudatus*.
- LUNARIA BIENNIS.** See *Honesty*.
- LYCHNIS** (Campion) (H.P.) An herbaceous plant of merit. 2 to 3 ft. June-Sept. .05
- 2445—Chalcedonica.** Dazzling scarlet flowers. Pkt. .05
- 2446—Haageana Hybrids.** Extra large flowers, shades of scarlet, orange, etc., superior strain. Pkt. .10
- MALOPE** (H.A.) An excellent bedding plant. 2 ft. July-Aug. .05
- 2451—Grandiflora.** Mixed. Pkt. .05
- MARVEL OF PERU** (Four o'Clock) (H.A.) A bushy plant, bright, attractive flowers. 2 ft. June-Aug. .05
- 2469—Choice mixed.** Oz. .25. Pkt. .05
- 2470—Variegated leaves.** Choice mixed. Oz. .40 Pkt. .05
- MATRICARIA** (Double White Feverfew) *eximiana* fl. pl. (H.A.) Excellent for the front of a border, stems are procumbent and form with the foliage a dense carpet. 1 ft. July-Sept. .05
- 2475—Choice mixed.** Pkt. .05
- MATTHIOLA** (Evening Scented Stock) (H.A.) Flowers of lilac shade usually fragrant in the evening. 1 ft. July-Aug. .05
- 2480—Bicornis.** Oz. .40. Pkt. .05

MESEMBRYANTHEMUM (Ice Plant) (H.H.A.) Dwarf trailing plants with icy-looking foliage, flowers white; requires plenty of sun. 6 inches. July-Aug. .05

- 2485—Crystallinum.** Pkt. .05
- MIMOSA** (Sensitive Plant) (H.H.A.) A peculiar plant which closes its leaves at the slightest touch. Flowers pink. 1 1/2 ft. July-Sept. .05
- 2500—Pudica.** Pkt. .05
- MIMULUS** (Musk) (H.H.P.) Small yellow flowers with fragrant foliage. 6 inches. July-Sept. .05
- 2505—Moschatus** Pkt. .05
- 2510—Tigrinus grandiflorus** (Monkey Flower) Large mottled flowers, suitable for pots, rockeries, etc. Prefers a damp situation. 6 inches. July-Sept. Pkt. .05
- MOMORDICA** (Balsam Apple) (H.H.A.) A rapid climber, producing apple-shaped fruits. 15 ft. Sept. .05
- 2515—Balsamina.** Pkt. .05
- MONK'S HOOD.** See *Aconitum*.
- MOON FLOWER.** See *Ipomœa*.
- MORNING GLORY.** See *Ipomœa* and *Convolvulus*.
- MONKEY FLOWER** See *Mimulus*
- MOURNING BRIDE.** See *Scabious*.
- MUSK.** See *Mimulus*.
- MYOSOTIS** (Forget-me-not) (H.P.) Will flower first year if seed is sown early. Fine for edging. 6 to 12 inches. July-Aug. .05
- 2520—Alpestris.** Bright blue, fragrant towards evening. Pkt. .05
- 2521—Alpestris alba.** White. Pkt. .05
- 2522—Alpestris Victoria.** Sky blue, dwarf, the best for pots. Pkt. .10
- 2523—Palustris.** Azure blue flowers borne in racemes. Pkt. .10
- 2524—Dissitiflora.** An exquisite deep blue shade. Pkt. .10
- NEMOPHILA** (Love Grove) (H.A.) Compact habit, much valued for their gay appearance. 6 to 12 inches. July-Sept. .05
- 2620—Fine mixed.** Oz. .25. Pkt. .05
- NICOTIANA** (Tobacco Plant) (H.H.A.)
- 2625—Affinis.** White, sweet scented. 2 to 3 ft. July-Sept. Pkt. .05
- 2627—Sanderæ.** A bright carmine, quite distinct. Pkt. .10
- NIGELLA** (Love in a Mist) *Hispanica* (H.A.) The blue and white flowers have a peculiar appearance. Foliage feathery green. 1 to 2 ft. July-Aug. .05
- 2631—Mixed.** Pkt. .05
- NOLANA** (Chilian Bell Flower) (H.A.) A dwarf growing plant of procumbent form. Flowers funnel-shaped, of a beautiful blue color, white in the centre. Suitable for pot and border culture. 6 inches. July-Sept. .05
- 2637—Grandiflora.** Pkt. .05
- ENOTHERA** (Evening Primrose) (H.A.) Fine bushy plants, showy and free flowering. 9 to 12 inches. July-Sept. .05
- 2642—Rosea Mexicana.** The smallest of the species, flowers rose color, usually more expanded early in the morning and late in the evening. Pkt. .05
- 2647—Taraxacifolia alba** (Acaulis) Large white flowers, with narrow tube, becoming red with age. Pkt. .10

ORNAMENTAL GRASSES

In large demand for bouquet work, and ornamental in the garden.

- AGROSTIS** (H.A.) Very graceful panicles of flowers; one of the best for bouquet work. 1 ft. .05
- 2652—Nebulosa.** Pkt. .05
- AVENA** (Animated Oats) (H.A.) A valuable adjunct for table decoration. 1 1/2 ft. .05
- 2653—Sterilis.** Pkt. .05
- BRIZA** (Quaking Grass) (H.A.) A graceful species for bouquets with spikelets of straw color, hanging gracefully at the end of long stems. 1 ft. .05
- 2654—Maxima.** Pkt. .05
- BROMUS** (Brome Grass) (H.A.) Drooping panicles on slender hanging stalks; suitable for bouquets. 1 1/2 ft. .05
- 2655—Brizæformis.** Pkt. .05
- COIX** (Job's Tears) (H.A.) Small pearly seed heads standing above the broad foliage. 2 ft. .05
- 2656—Lachryma.** Pkt. .05
- ERAGROSTIS** (Love Grass) (H.A.) A natural grass for bouquets, light and graceful. 1 ft. .05
- 2657—Elegans.** Pkt. .05
- HORDEUM** (Squirrel tail grass). Very graceful and feathery, useful for winter decoration. 1 1/2 ft. .05
- 2651—Jubatum.** Pkt. .05

Ornamental Grasses—Cont'd.

- LAGURUS** (Hare's Tail Grass) (H.A.) Small white, hairy or woolly flower heads, adapted for decorative purposes especially when cut before ripe, as they last longer. 1 ft. .05
- 2658—Ovatus.** Pkt. .05
- ORNAMENTAL GRASSES.** The foregoing collection. .05
- 2661—Mixed.** Pkt. .05
- PÆONY** (H.P.) An excellent plant for herbaceous borders, imparting a vivid impression on account of the size and quality of the flowers. 3 1/2 ft. July-Sept. .10
- 2662—Choice mixed.** Pkt. .10
- PANSY Giant** (H.P.)
- BEDDING VARIETIES**
- 2695—Emperor William.** Cornflower blue with three purple violet blotches, very fine. Pkt. .05
- 2696—Gold Margined.** Very fine. Pkt. .05
- 2697—King of the Blacks.** A lustrous jet black; an extra fine strain. Pkt. .05
- 2698—Lord Beaconsfield.** A purple violet, top petals white; splendid. Pkt. .05
- 2699—President Carnot.** White, each petal blotched, violet, very fine. Pkt. .05
- 2700—Striped and Mottled.** An extra fine strain. Pkt. .05
- 2701—Victoria.** A wine-red, a superb color. Pkt. .05
- 2702—Fine mixed.** Highly recommended. Oz., \$1.00; 1/2 oz., .75; 1/4 oz. .45. Pkt. .05
- Tufted or Scotch Pansies. See *Viola*.
- PAPAYER.** See *Poppies*.
- PENTSTEMON** (H.P.) The seed has been saved from a very choice collection. The *Gloxinia*-like flowers are very large; produced in long handsome spikes, varying in shades of white, purple, rose, pink and scarlet. Beautifully marked and veined. A handsome border plant. 2 ft. Aug.-Sept. .10
- 2707—McKenzie's choice large flowered hybrids mixed.** Pkt. .10
- PETUNIA** (H.H.P.) The bedding varieties are always popular, as they last for a long time in bloom, and flower profusely. Plants are dwarf and compact and are suitable for pot culture. 1 to 3 ft. July-Sept. .10
- Hybrida. A good selection of varied colors.
- 2718—Single choice mixed.** Pkt. .05
- 2719—Howard's Star.** Single bicolor, purple and white. Pkt. .10
- 2720—Adonis.** Carmine with white throat; single. Pkt. .10
- 2721—Snowball.** Pure white, single. Pkt. .10
- 2722—Dwarf Inimitable.** Striped and blotched, very effective. Pkt. .10
- PHLOX** (H.H.A.) A popular bedding plant. 1 to 1 1/2 ft. July-Sept. .05
- 2750—Drummond's mixed.** A good strain. Oz., .75 Pkt. .05
- 2751—Cuspidata** (Star Phlox) Choice mixed. Pkt. .10
- 2752—Perennials** (H.P.) Saved from large flowered varieties. Finest mixed. Pkt. .10
- PIMPERNELLE.** See *Anagallis*.
- PINKS.** See *Dianthus*, Specialties, page 84.
- PLATYCODON** (Japanese Bell Flower) (H.P.) Very graceful and charming flowers. Immensely attractive when planted in mixed borders. 1 1/2 ft. July-Sept. .10
- 2708—Grandiflora.** Blue. Pkt. .10
- 2709—Grandiflora alba.** White. Pkt. .15
- 2710—Grandiflora Mariesi.** Large, open, bell-shaped, deep blue flowers. Pkt. .15
- POLYANTHUS** (H.P.) A popular border plant; blooms in umbels in early spring. 6 inches. June, July. .10
- 2762—Gold laced.** Pkt. .10
- POPPY.** No other flower produces such vivid and dazzling colors. Very effective in the border. 1 to 4 ft. July-Sept. .05
- SINGLE ANNUAL VARIETIES**
- 2767—McKenzie's Selected Strain Shirley** contains many charming colors. .05
- Mixed. Oz. .50. Pkt. .05
- 2772—The Bride.** Pure white *Pæony* flowered. Pkt. .05
- 2773—Mephisto.** Scarlet with black spots, *Carnation* flowered. Pkt. .05
- 2774—Danebrog.** Scarlet, blotched silvery white, *Carnation* flowered. Pkt. .05
- 2775—Glaucum** (Tulip Poppy) Outer petals vivid scarlet, shaded orange with violet black stamens; abundant bloomer. Pkt. .05
- 2776—Lœvigatum.** Dark scarlet, black spots at base, with a border of the white around the edges. Pkt. .05
- DOUBLE ANNUAL VARIETIES**
- 2781—Carnation flowered.** Mixed. Oz. .30. Pkt. .05

POPPY, (continued)

2785—Japanese Pompon. Petals are exquisitely curled. Pkt. .05

PERENNIAL VARIETIES

- 2790—Bracteatum. Scarlet, similar to the Orientale. Pkt. .05
- Nudicaule (Iceland Poppies) Very graceful, incomparable for table decoration. Many delicate and pretty shades.
- 2791—Mixed. Pkt. .10
- 2793—Orientale. Single Hybrids. The largest of all poppies; brilliant colors. Finest mixed. Pkt. .10
- PORTULACA (Purslane) (H.A.) An exceptionally fine bedding plant; withstands the heat well. 6 inches. July-Sept.
- 2798—Finest Single Mixed. Oz. .50. Pkt. .05
- 2799—Finest Double Mixed. Pkt. .10
- PRIMULA. An excellent pot plant. The hardy perennial varieties are also suitable for rockeries, etc.
- Sinensis (Chinese Primrose) (G.A.) Large flowered fringed. 6 inches. Sept.-April.
- 2804—Single choice mixed. Pkt. .25
- 2805—Double choice mixed. Pkt. .50
- OBCONICA (G.P.) Cluster of flowers produced on long stems, perpetual flowering. 9 inches.
- 2806—Grandiflora. Pkt. .15
- 2807—Japonica (Japanese Primrose) (H.P.) Very hardy flowers; blue, borne in clusters. 1 ft. June-July. Pkt. .10
- 2809—Vulgaris (Common Primrose) (H.P.) Yellow. 6 inches. June-July. Pkt. .10
- PYRETHRUM (Golden Feather) (H.H.P.) An ideal plant for edge of borders. Flowers yellow; grown for its attractive foliage. 6 inches.
- 2814—Aureum. Pkt. .05
- RESEDA. See Mignonette.
- RHODANTHE (Straw Flower) (H.A.) An everlasting. Suitable for bouquets. Plant in border or pots. 1½ ft. July-Aug.
- 2826—Manglesi. Soft rosy pink with yellow centre. Pkt. .05
- 2827—Mixed. Pkt. .05
- ROCKET SWEET. See Hesperis. (Also Sweet Rocket).
- RUDBECKIA (Cone Flower) For cutting, these hardy annual and perennial plants would be difficult to excel, the flowers lasting a long time. An excellent border plant, showing up well in mixed borders. 2 to 5 ft. July-Sept.
- 2837—Speciosa bicolor (H.A.) Single yellow flowers with blackish purple conical disc. Pkt. .05
- 2839—Golden Glow (H.P.) Increases in popularity each season; flowers large double, of a sulphur-yellow color. Excels for decorative purposes. Pkt. .10
- SALPIGLOSSIS grandiflora (H.A.) One of the most popular border plants. The large Petunia-shaped flowers which are richly veined and marked, present a charming sight when planted in clusters. 2 ft. July-Sept.
- 2844—Choice mixed. ½ oz., \$1.50. Pkt. .05
- SALVIA (Scarlet Sage) (H.H.P.) The dense mass of dazzling scarlet flowers are a source of admiration in the garden. The flowers are produced in sturdy, compact bushes, and at a distance the density of bloom gives a beautiful brilliant effect impossible to describe. Flowers first year from seed sown under glass in Feb. or March. 1 to 3 ft. Aug.-Sept.
- 2849—Bonfire. Erect spikes of bright scarlet flowers. Pkt. .10
- 2850—Lord Fauntleroy. Dwarf, compact bushes, deep red flowers. Pkt. .10
- 2851—Splendens. A flaming red. Pkt. .10
- 2852—Patens (Blue Sage) Deep blue flowers. Makes an attractive pot plant; of dwarf habit, quite unique. Pkt. .15
- SCABIOSA (Pincushion Flower) (Mourning Bride) Invaluable as a cut flower. Suitable for borders; the flowers are borne on long erect spikes and afford a fine display all summer. 2 to 3 ft. July-Sept.
- 2857—Double Large Flowering. (H.A.) Comprises a grand assortment of color. Highly recommended. Mixed. Oz., \$1.00. Pkt. .05
- 2858—Dwarf Double. (H.A.) Produces a gorgeous array of flowers. Mixed. Oz., \$1.00. Pkt. .05
- SCHIZANTHUS (Butterfly Flower, or Poor Man's Orchid) (H.H.A.) Unsurpassed for bouquets and buttonholes, and excels as a border plant. Of branching growth; flowers in profusion. 1½ to 2 ft. July-Sept.
- 2865—Grahami. Rose colored flowers, underlip yellow, tinged with lilac. Very floriferous; a popular shade. Pkt. .05
- 2867—Large Flowered. Saved from very large flowers of exquisite colors. Finest mixed. Pkt. .10

SCHIZANTHUS, (continued)

SEA LAVENDER. See Statice.

SENSITIVE PLANT. See Mimosa pudica.

SHASTA DAISY. See Chrysanthemum Maximum.

SILENE (Catchfly) (H.A.) A compact plant, producing single and double flowers of extreme beauty and gracefulness. 6 inches. July-Sept.

2872—Pendula compacta, Snow King, pure white, very dwarf. Pkt. .05

2873—Pendula compacta, double mixed, extra choice. Oz. .30. Pkt. .05

SNAPDRAGON. See Antirrhinum.

SOLANUM (Jerusalem Cherry) (H.H.P.) A popular pot plant of dwarf compact growth, producing bright red berries of globular form throughout the winter and spring. 1 to 2 ft.

2878—Capsicastrum. Pkt. .05

STATICE (Sea Lavender) (H.P.) A charming perennial border plant, fine for cutting. Flowers will last throughout the winter when dried. Produced in umbels on long stiff stalks. 1 ft. July-Sept.

2885—Incana nana. Pale blue and white, dwarf habit. Mixed. Pkt. .05

2886—Latifolia. Pale lavender, very popular. Pkt. .05

STEVIA (H.H.A.) Adapted for pot or border culture. Flowers may be obtained throughout summer and winter. Fine for cutting. 1½ to 2 ft.

2883—Serrata. Pkt. .05

STOCKS. The well-known bedding and pot plant with densely covered spikes of sweet scented double flowers. The winter flowering varieties may be treated as annuals, and usually have a high percentage of double flowers. 1 to 2 ft. July-Sept.

Ten Week (H.H.A.) In variety.

2907—Beauty of Nice (H.B.) Large beautiful spikes of delicate flesh pink. Pkt. .10

2908—Crimson King (H.B.) Tall long spikes of a splendid rich crimson color. ½ oz., \$1.50. Pkt. .10

2909—Brompton or Winter (H.B.) A superb mixture of double flowers. ¼ oz., \$1.50. Pkt. .15

2910—White Lady (H.B.) A large flowering Brompton Stock about 20 inches high, and arrayed in remarkably handsome foliage. Very double flowers of a lustrous snowy white. It blooms early and remains a long time in flower. Pkt. .15

2911—East Lothian (H.B.) An unexcelled strain, with handsome double spikes, flowering in the autumn when the Ten Week Stocks are practically over. Choice mixed. Pkt. .15

STOKESIA (Cornflower Aster) (H.P.) This variety merits attention. It is of easy culture and will flower first year from seed when sown early, but requires a sunny position in the garden. The flowers are invaluable for cutting, measuring 4 inches or more in diameter; of a handsome lavender blue shade. Makes an ideal border plant. 2 ft. Aug-Sept.

2916—Cyanea. Pkt. .15

SWEET PEAS in variety and mixture. See Specialties, pages 62 to 66.

SWEET ROCKET (H.P.) An old fashioned border plant, spikes in colors of white, purple and lilac. Very showy. 2 to 3 ft. July-Sept.

3062—Mixed. Pkt. .05

SWEET SULTAN (H.A.) Popular hardy bedding plant; flowers freely and lasts fresh a long time in water; of easy culture; very sweet scented. 2 to 3 ft. July-Sept.

3067—White. Pkt. .05

3068—Dark Purple. Pkt. .05

3069—Yellow. Pkt. .05

TAGETES (H.A.) A dwarf, compact bedding plant suitable for edging; very floriferous; densely covered with pale yellow flowers, striped with a darker shade. 6 inches. July-Sept.

3082—Signata pumila. Pkt. .05

THUNBERGIA (Black-eyed Susan) (H.H.A.) A quick grower, but requires a sunny position; useful for covering verandahs; suitable for hanging baskets. Various shades of white, yellow and buff; fragrant. 4 ft. July-Sept.

3087—Fine mixed. Pkt. .05

TROPEOLUM canariense. See Canary Bird.

VERBENA (Vervain) (H.H.P.) A great acquisition to any flower garden. Commence blooming in spring, and supply a mass of flowers in terminal spikes in many charming shades throughout the summer. Flowers are produced in clusters which are decidedly captivating to the eye. Sweet scented. 6 to 15 inches. July-Sept.

3099—Hybrida mixed. Oz., \$1.00; ½ oz. .60. Pkt. .05

3100—Erinoides (Moss Verbena) (H.A.) Produces a mass of moss-like foliage of spreading dwarf habit. The purplish flowers are borne in trusses and are produced in abundance throughout summer and autumn. Pkt. .05

VERBENA, (continued)

3101—Erinoides alba. White, same form as preceding. Pkt. .05

3102—Venosa (Hardy Green Verbena) (H.P.) Blackish violet in umbel-like heads, fine for groups or edging. Sow early, as seeds germinate slowly. Pkt. .05

3103—Lemon (Aloysia citriodora) (H.H.P.) Very fragrant foliage which when dried retains its aroma for a long time. It is equally suitable for borders in the summer, and pot culture in winter. Flowers small and whitish, or pale lilac on slender spikes. Pkt. .10

VERONICA (Speedwell) (H.P.) A hardy border plant with erect dense spikes of light blue flowers with long purple stamens. 1½ ft. July-Aug.

3108—Spicata. Pkt. .16

VINCA (Madagascar Periwinkle or Old Maid) (H.H.A.) A well-known bedding plant, also suitable for pot culture. Plants of erect habit, with glossy foliage. A free bloomer. 1 ft. July-Aug.

3113—Rosea. Bright rose. Pkt. .10

3114—Rosea alba. White, with distinct rosy eye. Pkt. .10

VIOLA (Tufted Pansies) (H.H.P.)

Scotch Prize. Cannot be excelled for border edging. Very free flowering, giving a constant supply of flowers of lovely shades throughout the summer. Sow early for flowering same year. 6 inches. July-Sept.

3119—Finest mixed. Pkt. .10

3120—Odorata (Sweet Violet) Sweet scented. Mixed. Pkt. .10

VIRGINIAN STOCK (H.A.) One mass of flowers all summer. 6 inches.

3124—Mixed. Oz. .20. Pkt. .05

VISCARIA Oculata (H.A.) Flowers profusely; of a bright red color, compact bushes of a dwarf growth. Fine for cutting. 1 ft. July-Aug.

3129—Dwarf Perfection. Oz. .40. Pkt. .05

WALLFLOWER (H.H.P.) A harbinger of spring; flowers very fragrant. 1 ft. June.

3134—Single Extra Early Parisian. Will flower first year if sown early. Mixed. Pkt. .10

3135—Single blood red. Pkt. .05

3136—Single Harbinger, very early, brown. Pkt. .05

3137—Single fine mixed. Pkt. .05

Double Dwarf. A very fine strain, producing magnificent spikes of all shades of color.

3139—Finest mixed. Pkt. .10

WILD CUCUMBER. See Echinocystis.

WILD FLOWER GARDEN (H.A.)

3143—Assorted colors. Pkt. .05

XERANTHEMUM (H.A.) Everlasting flowers for winter decoration. July-Aug.

3148—Double mixed. Pkt. .05

ZEA (H.A.) Leaves beautifully striped with white, rose and yellow; very effective in the border. 3 to 4 ft.

3153—Japonica Variegata. Oz. .20. Pkt. .05

ZINNIA (H.H.A.) Very showy. The large globular flower heads in many shades of color are very gorgeous, and make quite an attractive display in a mixed border or when massed together. 1 to 2 ft. July-Sept.

3158—McKenzie's Dwarf Flowering Varieties. Superb Mixture. Oz. .50. Pkt. .05

3166—Curled and Crested. Petals are twisted and curled, giving the flowers a peculiar and fantastic appearance. Double mixed. Pkt. .10

FLOWERING PLANTS

	Postpaid	Dozen	100
Pansy		\$.80	\$ 5.75
Geranium. Assorted		1.55	10.25
Heliotrope. Mixed		1.55	10.25
Aster. Assorted		.65	4.75
Lobelia. Best dwarf		.65	4.75
Marigold. Mixed		.65	4.75
Nasturtium. Dwarf		.65	4.75
Petunia. Choice mixed		.65	4.75
Phlox. All colors		.65	4.75
Pinks. Dianthus		.65	4.75
Pyrethrum		.65	4.75
Stocks		.65	4.75
Verbenas. Assorted colors		.65	4.75
Zinnias		.65	4.75

We do not ship Flowering and Bedding plants until about June 1st, for the soil, as a rule, is not warm enough to permit of transplanting before that time. The gain in vigor to the plants more than compensates for shipping at this date.

WE ARE AUTHORIZED AGENTS FOR

Genuine

CYPHERS INCUBATORS

Patented

MADE IN THREE STYLES—EIGHT DIFFERENT SIZES

OUR EFFORTS of many years to induce the Cyphers Company to manufacture a line of Incubators at more moderate prices within the reach of all have proved effectual and we are pleased to report greater sales last season. As a result we look for a much larger number of orders during 1916 and we stand ready to meet all reasonable demands promptly and with our usual care. It would be superfluous on our part to attempt to eulogise the merits of these World-famous manufactures. All we need say is to direct attention to the fine reliable machines illustrated and described on this and following page. They are moderately priced and will enable beginners to get into the poultry business at a small outlay, thus earning substantial profits from the commencement. For the convenience of customers we have affixed the prices under each machine instead of tabulating them separately as in former years.

**“Standard” Cyphers**

These are machines that for sixteen years and more have been recognized as the “Standard hatchers of the world.” Tens upon tens of thousands of them have been sold and are in successful use in every civilized country on the globe. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a cent being spared anywhere in their construction to make sure of their doing satisfactory work in all climes, under widely different conditions, in the hands of all sorts of people. They are built to hatch and to last. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes as follows:

No. 0.	Capacity	70 Eggs, weight	90 lbs.	Price.....	\$21.00
No. 1.	“	144 Eggs, weight	145 lbs.	“	\$31.00
No. 2.	“	244 Eggs, weight	215 lbs.	“	\$43.00
No. 3.	“	390 Eggs, weight	260 lbs.	“	\$50.00

**“Columbia” (Hot-Air)**

Are built to meet the wide-spread demand for large-capacity, lamp-heated machines that can be sold at surprisingly low prices and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, zinc and steel Standard Cyphers toggle-joint thermostat and same regulating equipment as used on highest priced machines. Fume proof, forced draft heater-asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under egg trays. Are made in two sizes:

Capacity	130 to 140 Eggs, weight	70 lbs.	Price.....	\$21.00
“	200 to 250 Eggs, weight	110 lbs.	“	\$28.00

**“Superior” (Hot-Water)**

These machines are exactly what the name says. They are heated by hot water instead of with hot air, and are “superior” in every detail. The water boiler and tank (tubular) are of heavy-weight copper. Lamp has seamless bowl; burner is best on market. Incubator case is of wood, attractively finished in golden brown, with brass trimmings (hinges, buttons, etc.), and has double walls, with air space insulation. Are equipped with Standard Cyphers zinc and steel, toggle-joint thermostat and knife-edge regulator. Have forced water circulation and are automatic in ventilation. Roomy chick nurseries. Are built in two sizes. Fully guaranteed.

Capacity	60 to 65 Eggs, weight	33 lbs.	Price.....	\$15.50
“	120 to 130 Eggs, weight	50 lbs.	“	\$23.50

All prices quoted on these Cyphers machines are f.o.b. Brandon

CYPHER BROODERS, AND REPAIRS

Standard Cyphers Brooders

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are the most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can, therefore, depend upon an even, steady temperature in the hover, and a lively, thrifty, growing lot of chicks.

These Cyphers 1916 Brooders, all sizes and styles, are self-regulating, self-ventilating and vermin-proof.

The outdoor styles are usable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

THIS DOUBLE USE of the Cyphers Brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors, although we supply a special brooder, Style D for indoor purposes. All Cyphers 1916 Brooders, both outdoor and indoor, contain either two or three apartments. The popular Style B (shown in illustration herewith), contains three apartments; first, roomy space under the hover; second, hover chamber; third, well lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They mother the Chicks better than a hen."

Style A Outdoor Brooder, Capacity	75 Chicks weight 135 lbs.	Price	\$22.00
" B " " " "	100 Chicks weight 208 lbs.	"	\$30.00
" C " " " "	100 Chicks weight 220 lbs.	"	\$29.00
" D Indoor " " "	75 Chicks weight 120 lbs.	"	\$21.00

Cyphers Adaptable Hover

The Cyphers Adaptable Hover is self-ventilating and self-regulating. It supplies a continuous supply of fresh pure warmed air under the hover, and at the same time maintains a steady, uniform heat. All the essentials of successful brooding of chicks are automatically provided. Thousands of poultry growers use this hover in raising big, strong flocks of chicks. It is "adaptable" to use in colony coops, in portable houses, in home-made brooder coops, such as goods boxes, piano boxes, and organ cases, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters' Inspected Brooder label. Capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight 50 lbs. Price \$13.00.

Cyphers Portable Hover

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and we guarantee it to be the best brooding device of the kind on the market. As it is equipped with the same high grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates, can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight 40 lbs. Price \$13.00.

Cyphers Colony Hover No. 2

Space will not permit of an illustration of this comparatively new Hover; but it will suffice to say that, it is a stove heated, openly-constructed Colony or "Mammoth" Hover with a capacity for any number up to 1,500 chicks. A distinct improvement on the old-fashioned "box-brooder." Price \$34.00.

Prices on this page f.o.b. Brandon

The Paradise Brooder

For Indoor Use. Sold in One, Two, Three or Four Sections.

We believe the Paradise One-Lamp Sectional Brooder to be the best indoor brooding device invented thus far as a practical, convenient and economical nursery for newly-hatched chicks and ducklings. It embodies the correct principles of brooding chicks and ducklings by artificial means, namely; heat, light, ventilation, room for exercise, fresh water, etc., combined to an unequalled extent with economy of installation, of space occupied, of fuel consumed, of labor required, of money invested, of time and attention in caring for the chicks.

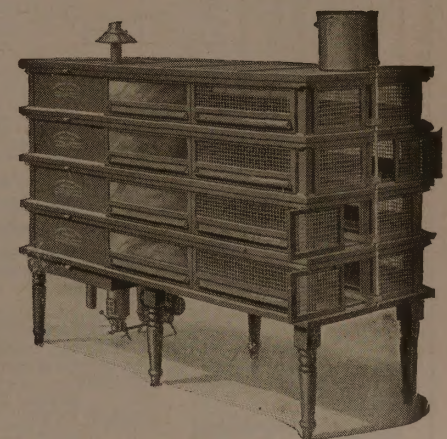
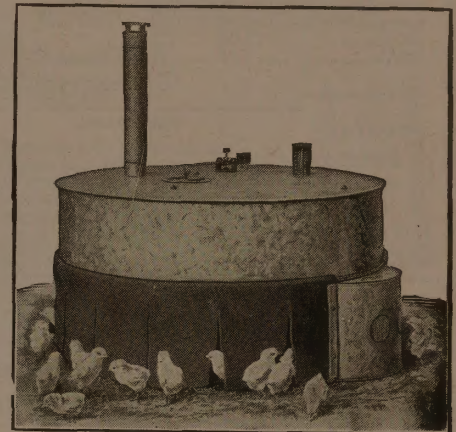
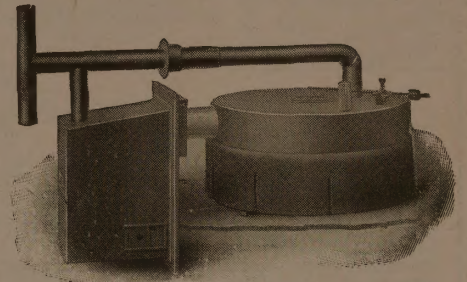
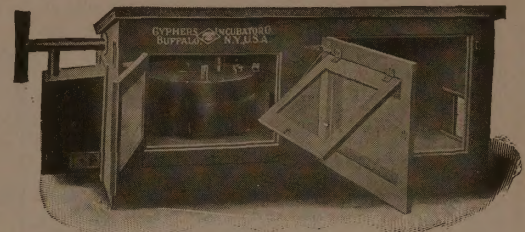
Two brooders complete, four sections each, having a combined capacity of eight hundred (800) chicks, can be operated in a room 12x12 ft. with every convenience. Size of each brooder (floor space) is 3x7 ft., and an eighteen or twenty-four inch aisle is needed at ends and sides for operator.

Paradise Brooder (Base Section), 140 Chicks, weight 250 lbs.	Price	\$33.00
" " (Upper Section), 140 Chicks, weight 150 lbs.	"	\$25.00
Electroductor No. 1 60 Eggs, weight 40 lbs.	Price	\$26.00
No. 2 120 Eggs, weight 65 lbs.	"	\$34.00

Repairs

When Ordering Repairs, Always State Size Wanted, and the Year the Machine Was Made.

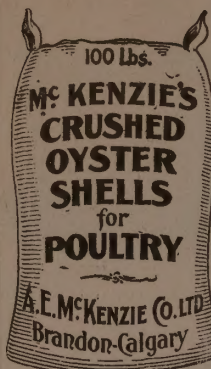
Postpaid	Postpaid
Lamp Wicks, No. 0 and 1, per doz.....\$0.40	Cypher's Automatic Moisture Device, each with
Lamp Wicks, No. 2 and 3, per doz.....50	three Conductors.....\$2.65
Lamp Burners, No. 0 .70 Nos. 1, 2 and 3.....1.10	Connecting Rod Thumb Nut, state whether upper
Paradise Brooder Wicks, each......65	(320) or lower (319)......25
Tin Disc, (327) and Wire (326)......35	Thermometer (Incubator).....1.00
Connecting Rods (318), Nos. 0, 1, 2 and 3......65	Thermometer (Brooder)......85
Counterpoise Weights (323)......40	Undernoted Repairs, Freight or Express at Purchaser's
Counterpoise Rods (322), Nos. 0, 1, 2 and 3......60	Expense
Pivot Casting (317)......75	Lamps (Incubator), No. 0, complete.....\$1.75



Expense	Expense
Undernoted Repairs, Freight or Express at Purchaser's	Lamps (Incubator), Nos. 1, 2 or 3, complete....\$2.25
Lamps (Incubator), without Burners, No. 0 \$1.40;	Lamps (Incubator), without Burners, No. 0 \$1.40;
Nos. 1, 2 or 3.....1.60	Nos. 1, 2 or 3.....1.60
Brooder Stoves.....3.85	Brooder Stoves.....3.85
Paradise Brooder Stove.....8.00	Paradise Brooder Stove.....8.00
Paradise Brooder Upper Reservoir.....1.80	Paradise Brooder Upper Reservoir.....1.80
Paradise Brooder, Enamelled Drum.....1.85	Paradise Brooder, Enamelled Drum.....1.85
Thermostat (312), No. 0, \$3.75, Nos. 1, 2 and 3...4.25	Thermostat (312), No. 0, \$3.75, Nos. 1, 2 and 3...4.25

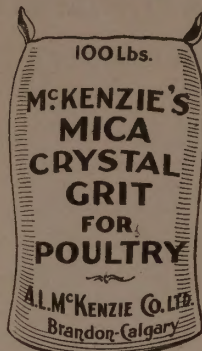
We will mail upon request a Special Catalog of Cyphers Incubators, Brooders, Supplies, etc.

McKenzie's High Grade Poultry Supplies



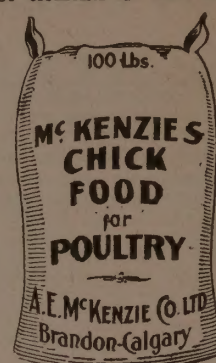
Crushed Oyster Shell, almost pure carbonate of lime, supplies, when fed to poultry, the most essential components in the formation of the egg. It also prevents cholera, soft shell eggs and hens from eating their eggs. Keeps the hen healthy, makes them lay and produces larger and heavier eggs.

50 lbs.75
100 lbs. \$1.25



Poultry, having no teeth, require sharp material to grind their food. Mica Crystal Grit is not only sharp and hard but its properties are such that it acts as a tonic and increases the productive power of the fowl. Grit is just as necessary to newly hatched chicks as to older hens, for without it they cannot grind food.

50 lbs.85
100 lbs. \$1.25

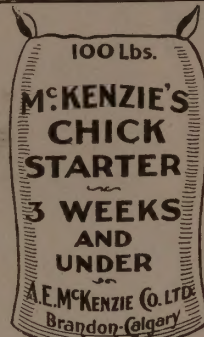


For chicks 3 weeks old or over. This mixture embraces the best combination of seeds, grains, etc., that can be prepared for the purpose required. To properly develop the chick for market or as an egg producer, and keep it healthy, it must be fed such food as will promote growth quickly and uniformly. A well-balanced feed will produce a well-balanced hen.

50 lbs. \$1.90
100 lbs. \$3.65

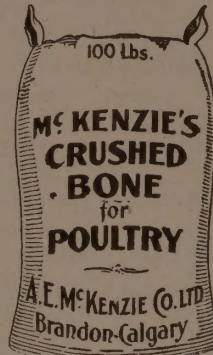
For chicks under 3 weeks old. Like infants, it is essential to the proper nourishment of chicks that they may be fed a ration different than older chickens. The ingredients of this nourishing and body building mixture can be thoroughly and easily digested, and it is absolutely necessary if a low mortality among chicks is desired.

50 lbs. \$2.00
100 lbs. 3.75



This is fresh, green bones, which have had the moisture, grease, etc., extracted from them leaving nothing but phosphate of lime and protein. Will keep in any kind of weather if kept dry. This bone is prepared especially for our trade and will be found a very fine quality. State whether fine or coarse is wanted.

50 lbs. \$1.85
100 lbs. 3.35



Beef Scrap
Rich in materials which make bone, muscle and lean meat. It ensures health, thrift and vigor and satisfies the chicken's natural craving for flesh-food in some form. Beef scraps can be fed dry or with cooked rations.

50 lbs. \$2.50
100 lbs. 4.75



Alfalfa Fine Cut
Made from green kiln-dried Alfalfa hay. This is more valuable than clover meal, and is highly recommended by prominent and successful poultry men. It contains a large per cent. of protein and furnishes green feed in winter when green food is unobtainable.

25 lbs. \$1.00; 50 lbs. \$1.70
100 lbs. \$3.00.



Meat Meal
This change of diet is practically a necessity for best results; its great demand attests its popular favor; for insuring health, thrift and vigor, and stimulates egg-laying.

50 lbs. \$2.40
100 lbs. 4.50

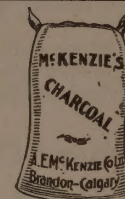


Cracked Corn
It requires more energy for fowls to pick up than the whole, and is more easily digested.

50 lbs. \$1.20 100 lbs. \$2.25
Cotton Bags 25c. extra.

Whole Corn
For poultry, corn is and has been for ages, valued highly for feed.

50 lbs. \$1.15; 100 lbs. \$2.10
Cotton bags 25c. extra



Charcoal
To keep fowls in a healthy state a regulator of some kind must be fed. Nothing takes the place of Charcoal in this respect, as it purifies the blood, aids digestion and tones up the whole system.

50 lbs. \$1.35
100 lbs. 2.50



McKenzie's Gold Standard Egg Maker and Chick Grower

McKenzie's Egg Maker should be fed to male birds as well as hens. Young chicks require it to secure a good strong start, early in life.

Price 2 1/2 lbs. .35; 5 1/2 lbs. .65.
25-lb. pail \$2.75. By Express at purchaser's expense.

Lambert's Death to Lice



Lambert's Lice Powder is perhaps the oldest and best known remedy of its kind on the market. It is in many respects "the old reliable," "tried and true," a household word everywhere.

A Disinfectant Insect Powder. This preparation will rid your fowls of all vermin. It is both cheap and effectual. Setting hens well dusted with Lambert's Death to Lice during incubation will bring off a healthy brood.

Used largely in both Canada and the United States.

Price, 5 oz. box, .25; 15 oz. box, .55; 48 oz. package, \$1.10
100 oz. package, \$2.15 Postpaid.

Lee's Poultry Remedies

Lee's Insect Powder. A non-poisonous powder and very effective insecticide; unexcelled for worms, flies, aphids, and all kinds of insects. Package, .50 postpaid.

Lee's Liquid Lice Killer. Acknowledged by practical Poultrymen as the easiest, safest and surest method of curing fowls of this affliction. 1 qt. can. .55; 1/2 gallon, \$1.00; 1 gallon, \$1.50.

By express at Purchaser's expense.

Lee's Egg Maker. Comprising nourishing ingredients of attested egg-making qualities, it is of exceptional value. 2 1/2 lb. pkg. .60; 5 1/2 lb. pkg. \$1.10 postpaid; 25 lb. pail, \$3.00 by express, purchaser's expense.

Lee's Germozone Tablets. The great cure for Roup, Cholera, Colds, Canker, Chicken Pox, Swelled Head, etc. Package, .65. postpaid.



McKenzie's Gold Standard Stock Food

Being highly concentrated, only a small amount per day is required.

Stock when fed McKenzie's Stock Food will keep in better condition, produce quicker and more profitable results. Based upon scientific knowledge, devoid of harmful drugs, when fed to calves, cattle, horses, sheep, hogs or poultry, it purifies the blood, builds up the system, aids digestion and produces highly beneficial results.

Price 5-lb. Bags .50; 25-lb. Pails \$2.00.
By Express at purchaser's expense.



Conkey's Poultry Remedies

Conkey's Roup Cure. Small size, .40; medium size, .80; large size, \$1.35. Postpaid.

Conkey's Laying Tonic. Stimulates laying activity. 1 1/2 lb., .55; 3 lbs., \$1.00; 7 lbs., \$2.00 Postpaid.

Conkey's Cholera Cure—

Package, small,45 postpaid.

Package, large,85 postpaid.

Conkey's Gape Cure. Package,85 postpaid.

Conkey's Rheumatic Remedy.85 postpaid.

Conkey's Poultry Laxative.45 postpaid.

Conkey's Head Lice Ointment. A wonderful remedy for this aggravating pest. Package, small,20 postpaid.

large,45 postpaid.

Conkey's Lice Liquid. Not only the greatest preventive, but the safest and surest exterminator of this pest. 1 qt. .40; 2 qts. .75; 1 gallon \$1.75. By express at purchaser's expense.

Conkey's Chicken Pox Remedy. Package,85 postpaid.

Conkey's Limber Neck Remedy. Package,85 postpaid.

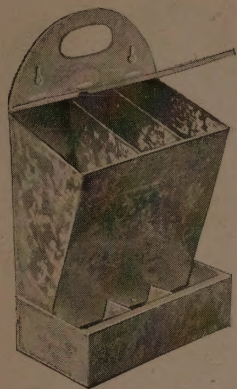
Conkey's Scaly Leg Remedy. Package,50 postpaid.

Conkey's Poultry Tonic. Package,50 postpaid.

Conkey's White Diarrhoea Remedy. Price,40 postpaid.

Conkey's Bronchitis Remedy. This remedy is a guaranteed specific for this dangerous ailment,85 postpaid.





McKenzie's Dry Food Grit and Shell Box

This handy Grit Box eliminates the waste occasioned by feeds, grits, shells, etc., being placed in pans or low dishes and scratched out by the fowls. It has three compartments. Strong, light and durable.

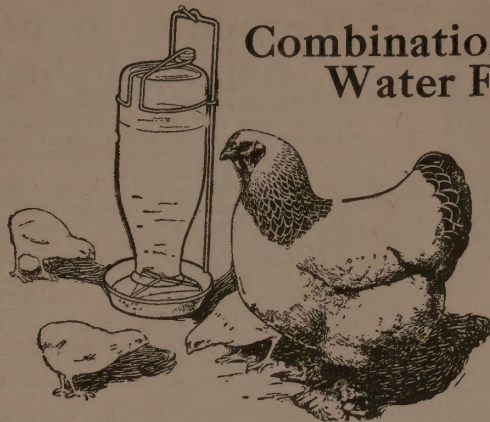
While these boxes can be set anywhere in the yard, they are made for hanging against the wall, a post, fence, etc.

The trough is so arranged that fowls are unable to get into it with their feet, thus eliminating waste, and at the same time protects the contents from moisture and filth.

Large Size, each..... \$1.15
Small Chick Size, each..... 1.00

By express at purchaser's expense.

Combination Food and Water Fountain



Most popular and best fountain for poultry from the little chick to the old hen. Keeps water and food clean, sweet and cool. Impossible for chickens to spill the contents. Any bottle or fruit jar can be used. We furnish frame only. Many poultrymen who have purchased one of these, order more, stating it the best for the purpose ever introduced.

Price .50. Postpaid.

McKenzie's Death to Green Fly

So insistent and persistent has been the demand from all parts of the West by growers of "house plants" for a remedy for the Little Green Fly Pest, we have, after trying and testing many formulas selected the best.

One of the best Insecticides for plant use. Destroys Green Fly, Slugs, Caterpillars, Currant Worms, Cut Worms, Rose Bugs, etc.

You can use it in the house, sinks, poultry houses, pig pens, stables, etc. It will kill any kind of insect and can be used anywhere.

Pkg. postpaid .40

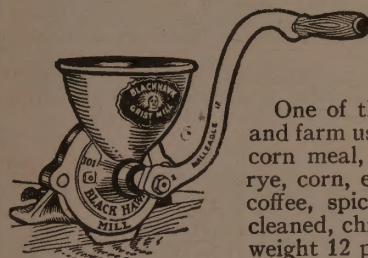


Cypher's Fumigating Candle

A microbe and Germ Killer, Lice and Mite destroyer. Disinfects, prevents disease. All fowls and animals must be locked out when in use. It is easy to use, easy to light, safe to extinguish. The improved construction makes it unnecessary to use a tin or other dish as required by other makes.

Price .25 each, postpaid; \$1.10 1/2 dozen.

By express at purchaser's expense.



Black Hawk Grinding Mill and Feed Mill

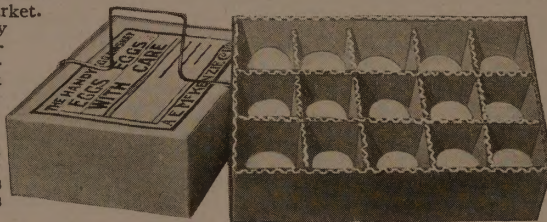
One of the handiest of tools for household and farm use. Make your own Graham flour, corn meal, etc. Crack your wheat, barley, rye, corn, etc., for the poultry. Grind your coffee, spices, etc. Easily adjusted, easily cleaned, chilled bearings. Best steel knives, weight 12 pounds. Price each \$3.35.

By express at purchaser's expense.

The Handy Egg Box

The lightest, handiest, safest and cheapest "Egg Box" on the market.

Particularly suited for shipping "Egg Settings" Weight 1 lb. Price (1 setting size) \$1.65 per doz Price (2 setting size) \$2.40 per doz. By express at purchaser's expense.



LICE-PROOF PERCH SUPPORT

Cypher's Lice-proof Perch Supports are manufactured of cast iron and with ordinary care will last a lifetime. They are attached to the wall or droppings board with screws. The oil cup is covered with a cap to prevent an accumulation of dust. Fill each cup with McKenzie's Lice Killer.

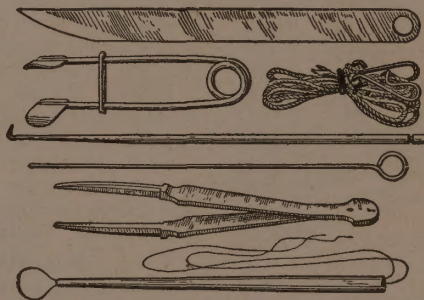
Wall Supports, per pair, .70
Upright Supports, per pair .90.

By express at purchaser's expense.



GREINER'S CAPONIZING SET

The Greiner Caponizing Set is especially designed to simplify the operation of caponizing, so that the beginner can easily master it. We recommend it as the best low price set in popular use. This set consists of a lancet-shaped knife, spring-spreader, forceps, hook, ring-probe and Cannula. Each \$3.50 postpaid.



CYPHER'S POWDER GUN

These Insect Powder Guns were originally designed to meet a demand for as large a gun as can be held in the hand. Just the thing for applying McKenzie's Lice Powder. Made in two sizes. Thousands of them in use — a standard article. Prices, large Jumbo size, each postpaid .55; small sizes postpaid .25.

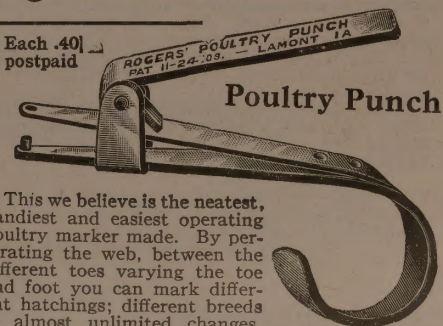


Cypher's X-Ray Egg Tester



The Cypher's X-Ray Egg Tester is made of block tin, and consists of a central cylinder or lamp flue 5 1/2 inches high with an outside diameter of 2 3/4 inches at the base and 2 1/4 inches at the top. It is designed for use on an ordinary hand lamp and fits over any style of burner with a diameter approximating that of the tester. .65 postpaid

Each .40 postpaid

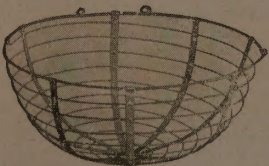


This we believe is the neatest, handiest and easiest operating poultry marker made. By perforating the web, between the different toes varying the toe and foot you can mark different hatchings; different breeds in almost unlimited changes.

WIRE NESTS

These nests are strongly made from heavy jannapped steel wire; fasten to the wall with screw hooks. There is no room on them for lodgment of lice or vermin of any kind; they are easy to keep clean, and are far superior to wooden boxes. Weight, 1 doz., 4 lbs.

Price, each .30; 1/2 doz. \$1.65; Dozen \$3.00. By express at purchaser's expense.



NEST EGGS

Nest Eggs have long since been recognized as an indispensable article around fowls.

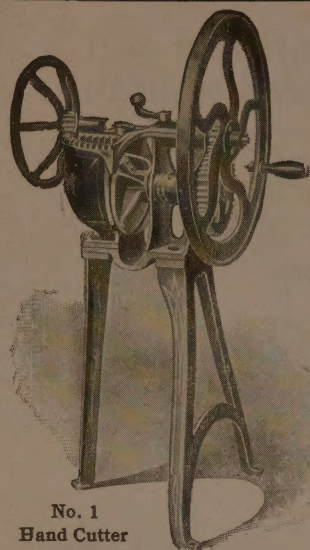
They are the best means obtainable to attract hens to the proper laying place, thus preventing them from seeking out-of-the-way places.

China Nest Eggs, .50 per doz., postpaid.

Medecol Nest Eggs, to keep lice and vermin out .85 per dozen, postpaid.

Lime Nest Eggs, .60 per dozen, postpaid.

Nest Egg



No. 1
Hand Cutter

Humphrey Bone Cutter and Rapid Alfalfa and Clover Cutter

Getting the largest number of "Golden Eggs," raising the thriftiest hens and feeding them the most nourishing egg-producing food at the lowest cost always means successful and profitable poultry raising. What is that food?

It is just a plain piece of bone such as you have in your beefsteaks or soup-bone and which you throw away.

You do not have to cut the bone into small pieces with an axe, as is required by other machines. The machine does the cutting—simply drop the bone into the machine and immediately commence to cut the bone. All parts of the Humphrey Open Cutter are exposed at all times for cleaning. There is no possibility of the cutter-head clogging, owing to the immense clearance of the cutters. Made in six sizes to suit the wants of the keeper of twelve hens, or the large poultry farmer.

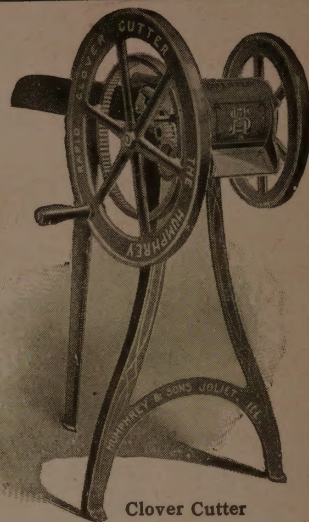
No. 1. The popular size for flocks of 10 to 200 hens. The always-open hopper measures $4\frac{1}{2} \times 5$ in. and will take a large steer knuckle bone. This is a hand power machine, weight 120 lbs. Price \$19.00.

No. 2 $\frac{1}{2}$. Is a combined hand and power cutter of the same bowl capacity as the No. 1; intended for poultrymen who have power, but find it convenient to use the machine by hand at times when the power is not in motion. Weight 135 lbs. Price \$24.50.

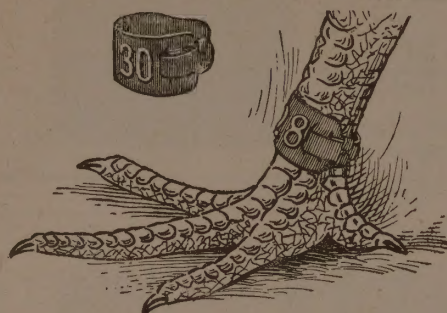
Clover Cutter. Every poultryman having from 12 to 20 hens should have a Humphrey Clover Cutter. This machine has large capacity, so that it takes very few minutes to cut enough clover or alfalfa for large yards. The cuttings are so small and uniform that there is virtually no waste—the chicks eating all you feed them. Price \$18.00.

Write for prices on any not listed here.

Our Humphrey Bone Cutter Catalog Mailed upon Request



Clover Cutter



Champion Leg Bands

Very useful in distinguishing select fowls from others in the same flock, identifying them from your neighbor's and for marking certain hatchlings. Made of aluminum, very strong and durable. Easily attached. Fastens securely. Numbered from 1 to 100.

Per dozen, postpaid.20; .25; .30
50, postpaid.45; 100; .75



McKenzie's Insect Killer

A safe and sure remedy for all lice, flies and vermin that infest poultry, cattle, dogs, sheep, etc. Invaluable for ridding house plants and vegetables of green and black flies, caterpillars, worms, etc.

We particularly recommend this Insect Killer on account of its wide range of usefulness, and buyers need have no hesitancy as to its doing all we claim.

Non-poisonous, absolutely harmless to man or beast. A powerful disinfectant and deodorizer. Directions on every package. Postpaid .40.

Sundry Bird Supplies



BIRD SEED—McKenzie's Gold Standard

Is the finest quality of fresh, choice, imported, re-cleaned and well mixed seeds in proper proportions, as to provide the necessary food for Birds to keep them in good health and song. Pkg. .30. Postpaid.

Hemp, Finest Re-cleaned—Considered by many as far superior to anything else. Per lb. .25. Postpaid.

Millet, Finest Re-cleaned—As feed for birds Millet is exceptionally nourishing and appetizing. Per lb. .25. Postpaid.

Canary Seed, Finest Re-cleaned—This is a splendid feed for birds on account of its wonderful strength building ingredients. Per lb. .25. Postpaid.

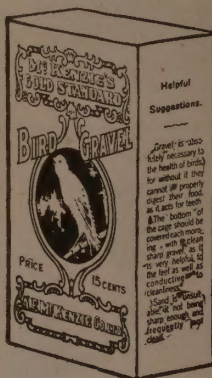
BIRD GRAVEL — McKenzie's Gold

Standard Gravel is absolutely necessary to the health of birds, for without it they cannot properly digest their food, as it acts for teeth. Sand is unsuitable, as it is not sharp enough. Pkg. .30. Postpaid.

Parrot Seed—The very best seed obtainable for parrots is the ordinary garden sunflower seed. Per lb. .25. Postpaid.

Bird Rape, Finest Re-cleaned—Per lb. .30. Postpaid

Cuttle Fish Bone—For generations this has been recognized as one of, if not positively the best thing for aiding birds to digest their food, etc. Per oz. .10. Postpaid.



Miscellaneous Sundries, Feed Flax, Oil Cake, Formaldehyde, Etc.

Sunflower Seed—Every poultryman knows the egg-producing value of Sunflower seed, and for poultry feed, thousands of tons are annually sold throughout the West. 1 lb. .25, postpaid; 5 lbs. or more .12 per lb.; by express at purchaser's expense.

Dog Biscuit—Unquestionably the best and most economical canine food for daily nourishment, conditioner and disease preventive we know of. Prices on application.

Bug Death for Potatoes—Use 32 lbs. Bug Death to 96 gallons water, when used as a liquid solution. Use 32 lbs. Bug Death per acre when applied dry. Price per lb. .35; 3 lbs. .75; 5 lbs., \$1.15 postpaid; 12½ lbs., \$1.70 by express at purchaser's expense.

Flax Seed—For feeding (bag included) \$4.65
Linseed Meal—Fine ground (bag included) 5.00
Oil Cake—Fine ground (bag included) 3.00

Prices Subject to Market Fluctuations.

Formaldehyde—Be sure that you get "McKenzie's Standard Formaldehyde," which comes under Government test and is guaranteed to be the proper strength.

Use on the basis of 4 oz. of "McKenzie's Standard Formaldehyde" solution to every 10 gallons of water; mix thoroughly. Regulate the flow of liquid to suit the grain.

4 oz. treat 15 bus. wheat; or 8 bus. oats. By express at purchaser's expense. \$.25
12 oz. treat 45 bus. wheat; or 25 bus. oats " " .45
24 oz. treat 90 bus. wheat; or 45 bus. oats " " .75
5 lb. (jug) treat 300 bus. wheat; or 150 bus. oats. 1.75
Full directions on each bottle. Write for prices on quantity.

Paris Green—The Paris Green we offer is the strongest obtainable. Applied as a powder it should be mixed as a plaster or flour, 100 parts water to 1 part of Paris Green; applied as a liquid, mix 1 lb. in 96 gallons water.
½ lb. package, .40c; 1 lb. package, .65; 5 lb. package, \$2.60. Postpaid.

Valuable Books for Poultrymen, Farmers and Gardeners

	Each Postpaid
A. B. C. of Bee Culture (Root)	\$2.25
A. B. C. of Potato Culture (Terry & Root)	.60
Amateur's Practical Garden Book (Hunn & Bailey)	1.50
American Horse and Horse Breeding (Dimon)	3.90
American Horticultural Manual (Budd)	3.50
Barn Plans and Outbuildings	1.65
Bookkeeping for Farmers (Atkeson)	.40
Canary Birds (Quill)	.60
Farmers' Account Book and Farm Record	4.00
Fertilisers (Gregory)	.60
Garden Making (Bailey)	1.10
Gardening for Profit (Henderson)	1.75

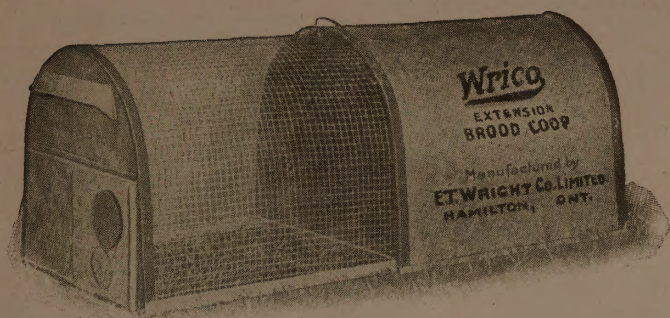
	Each Postpaid
Harris on the Pig (Harris)	\$1.65
Henderson's Practical Floriculture (Henderson)	1.75
Hints to Horse Keepers (Herbert)	2.15
Horse Breeding (Sanders)	4.25
House Plants and How to Succeed With Them (Hillhouse)	.70
How the Farm Pays (Henderson & Crozier)	2.50
How to Make the Garden Pay (Greiner)	1.50
How to Plant Home Grounds (Parsons)	1.40
Irrigation Farming (Wilcox)	2.85
Key to Profitable Stock Feeding (Myrick)	.50
Modern House Plans (Reed)	1.40

	Each Postpaid
New Onion Culture (Greiner)	\$.75
Philo System of Incubation (Philo)	.40
Plant Breeding (Bailey)	1.65
Play and Profit in My Garden (Roe)	1.55
Poultry Success, Illustrated Monthly Magazine per year	1.00
Taxidermy (Batty)	1.25
Profitable Poultry Keeping (Beale)	1.30
The Dog (Stonehenge)	1.85
The Farm Dairy (Curler)	1.25
The New Egg Farm (Stoddard)	1.15
The Principles of Fruit Growing (Bailey)	1.75
Vegetable Gardening (S. B. Green)	1.15

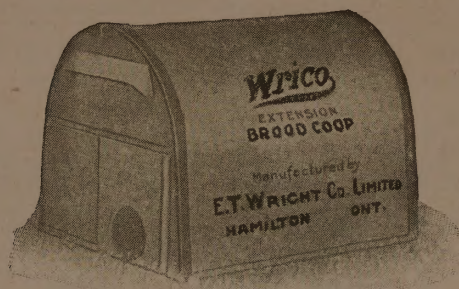
Extension Brood Coop

Wrico

Well Ventilated, Warm and Weatherproof



Pulled Out



Closed and Locked

A profitable investment for poultry breeders. No lost, stolen, strayed or sick chicks to figure up against the profits.

The extension is made of heavy 1/2 mesh wire cloth, re-galvanized, so the wires will not spread apart.

In fine weather the cage portion is pulled out, giving the hen and chicks double area to roam—untrammelled scratching privileges—and all the advantages of a natural open air life—yet isolated from the flock, and protected from depredating animals—such as rats, cats, dogs and Weasels.

The total length of the extended coop is 46 inches, and the sliding edge of the extension being set in a groove, it can be closed without the least trouble, or danger to the occupants, by simply pushing it in.

The sanitary advantages of this simple and convenient arrangement will be immediately obvious to all modern poultry breeders. The extension locks at any range you wish.

It is only a matter of a few seconds to set them up.

SIZE OF COOP EXTENDED

Height, 18 1/2 inch.

Length Extended, 46 inch.

Width, 20 inch.

Weight of 3 Crated, 70 lbs.

Price, \$4.25 each.



By express at purchaser's expense.

The "Kant-Klog" Sprayer

Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses.

On the "Kant-Klog" nozzle described above the item of labor alone is three times what the ordinary nozzle can be furnished for. Hose is high grade—supported by coiled spring to prevent breaking, couplings solid brass with standard cut threads. Air pump of heavy brass tubing two inches in diameter.

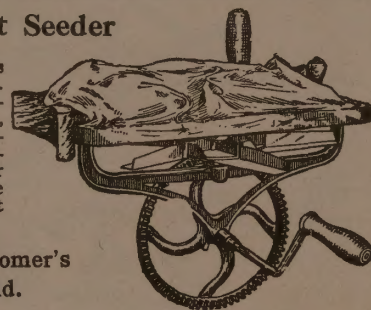
The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam. When completed this body is thoroughly tested at double pressure ordinarily used, the result being that not one in a thousand give any of the troubles common with other constructions.

Brass, \$7.85; Galvanized, \$5.75.

National Broadcast Seeder

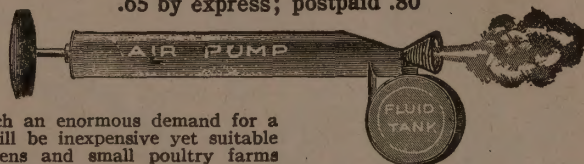
This seeder will sow about 20 acres per day and distribute the seed evenly. It will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Flax, Millet, Clover, Lawn, Timothy, Western Rye, Brome, etc. Is very easily adjusted to suit any seed. The hopper holds about one-half bushel. It is the strongest, neatest, and most compact hand seed sower made.

Price \$1.75 by express at customer's expense, or \$2.10 postpaid.



McKenzie's Daisy Sprayer

.65 by express; postpaid .80



We have such an enormous demand for a sprayer that will be inexpensive yet suitable for small gardens and small poultry farms that we offer the Daisy.

The Daisy sprays on the downward stroke only. It however is well to remember that there are very few occasions on which a larger spray is required.

A New Spray and Force Pump

This pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself. The All Brass suction working within a brass cylinder with all Brass Valves, does away entirely with all leather, rubber or other packings.

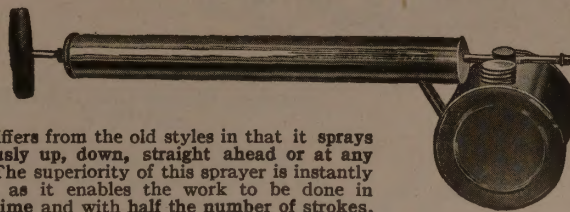
Everything except handle and hose are Solid Brass. Is the Easiest Working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, tank, spring or creek. Without fastening of any kind it stands firmly wherever placed. Ready for Instant Use Everywhere.

Will throw two solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred, pleases everybody and will last a lifetime. Price of Pump complete as shown in cut. \$3.75.

Brass Extension Pipe

Brass Pipe with quarter-inch standard cut threads, needed for elevating the nozzle in tree spraying, whitewashing, etc. Several can be screwed together when desired. Price, 3 ft. long, .50.

A New Atomizer "Continuous Spray" No. 14



This differs from the old styles in that it sprays continuously up, down, straight ahead or at any angle. The superiority of this sprayer is instantly apparent as it enables the work to be done in half the time and with half the number of strokes.

Sprays Continuously

the forward stroke of plunger storing sufficient pressure to make spray continuous while return stroke is being made.

Brass Spray Tube removable for cleaning. Two Spray Caps; Brass Valve; Tin pump barrel. Liquid tanks of tin, Galv. Iron and Brass. Capacity one quart. Tin .90; Brass \$1.40. By express at purchaser's expense.

Gibson Plant Protector

The copy for this Catalog was too far advanced to make provision for an electro but we shall be pleased to supply this simple and ingenious device for protecting young plants from cutworm and other ground pests at .60 postpaid.



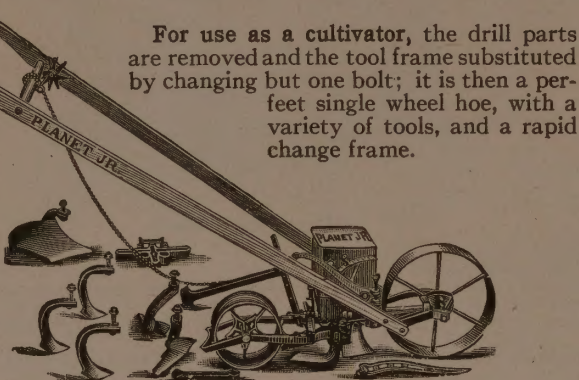
Planet Jr. Garden Tools



Prices on this Page are f.o.b. Brandon, except where otherwise noted.
The New "PLANET JR." Catalog is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Holds 2½
Quarts of
Seed
Price
Complete,
\$13.75
Weight
50 lbs.
As Seed-
er Only
\$12.00



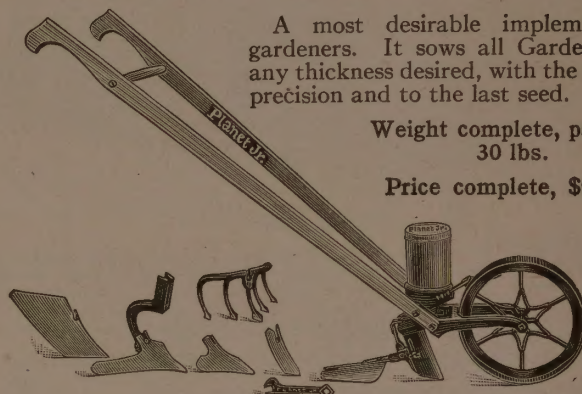
For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools, and a rapid change frame.

No. 31 Planet Jr. New Combined Drill Seeder, Cultivator and Plow

A most desirable implement for gardeners. It sows all Garden Seeds any thickness desired, with the greatest precision and to the last seed.

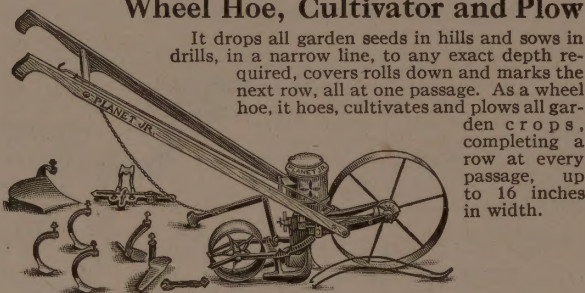
Weight complete, packed,
30 lbs.

Price complete, \$9.40



No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Holds over
2 Quarts
of Seed
Price
Complete,
\$17.00
Weight,
packed,
64 lbs.



It drops all garden seeds in hills and sows in drills, in a narrow line, to any exact depth required, covers rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.

No. 3 Planet Jr. Hill and Drill Seeder

The Index.—The thickness of seed is regulated by an accurate index with brass screw indicator; it contains the names of the important seeds, and is carefully graduated both for hills and drills. In plain view at the top of Handle.



Holds
2½ Qts.
of Seed
Price
\$13.25
Weighed,
packed,
61 lbs.

No. 17½ Planet Jr. Single Wheel Hoe

The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device by which to exchange the tools without removing the nuts. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.



Steel Frame

Price \$5.75
Weight 20 lbs.

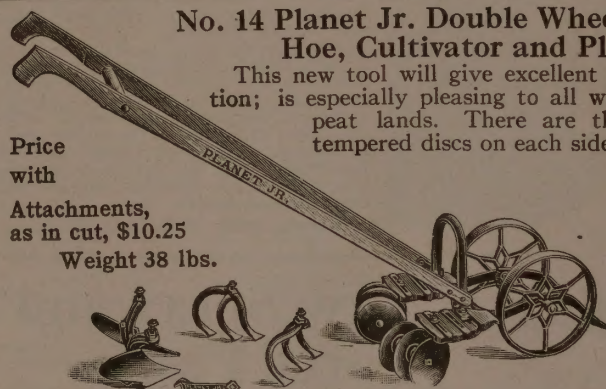
No. 14 Planet Jr. Double Wheel Disc Hoe, Cultivator and Plow

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil-tempered discs on each side.

Price
with

Attachments,
as in cut, \$10.25

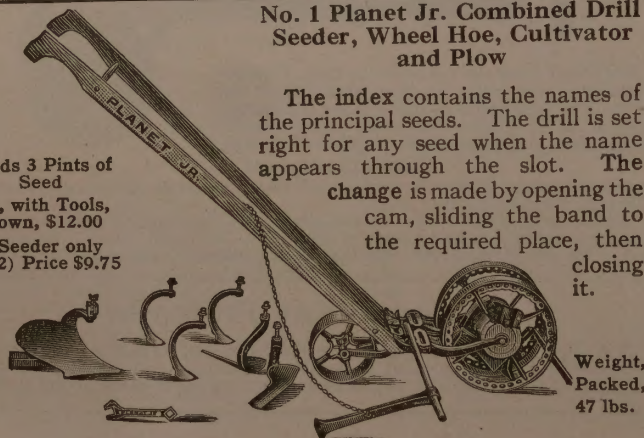
Weight 38 lbs.



No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

The index contains the names of the principal seeds. The drill is set right for any seed when the name appears through the slot. The change is made by opening the cam, sliding the band to the required place, then closing it.

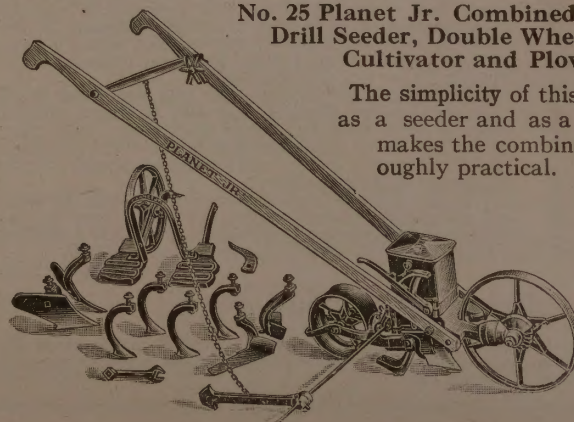
Holds 3 Pints of
Seed
Price, with Tools,
as shown, \$12.00
As a Seeder only
(No. 2) Price \$9.75



Weight,
Packed,
47 lbs.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

The simplicity of this tool, both as a seeder and as a wheel hoe, makes the combination thoroughly practical.



Price
\$17.00
Weight,
packed
61 lbs.
Holds 2½
Quarts of
Seed.



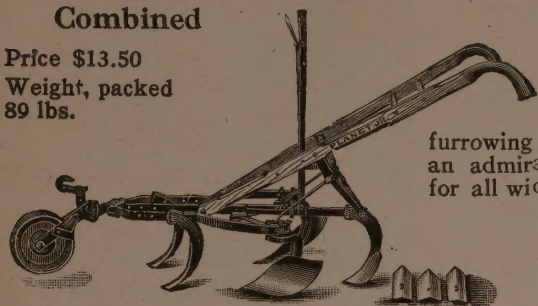
Planet Jr. Garden Tools



All Prices on this Page are f.o.b. Brandon, except where otherwise noted.

No. 81 Planet Jr. Horse Hoe Cultivator and Hiller Combined

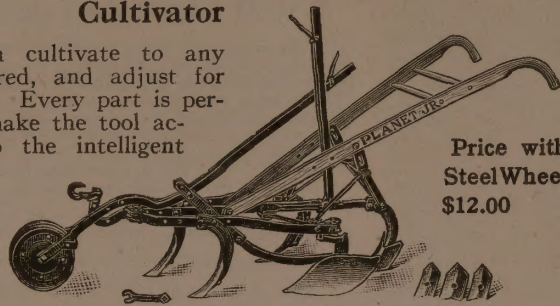
Price \$13.50
Weight, packed
89 lbs.



Has six 3-in. cultivator teeth, two 6-in. side plows and a 12-in. furrowing tooth, making an admirable equipment for all widths of cultivation and for hilling crops up to four feet apart.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

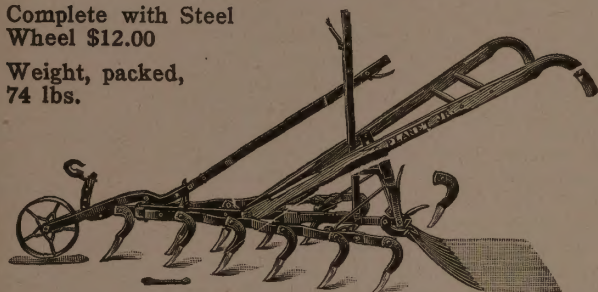
You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.



Price with
Steel Wheel
\$12.00

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

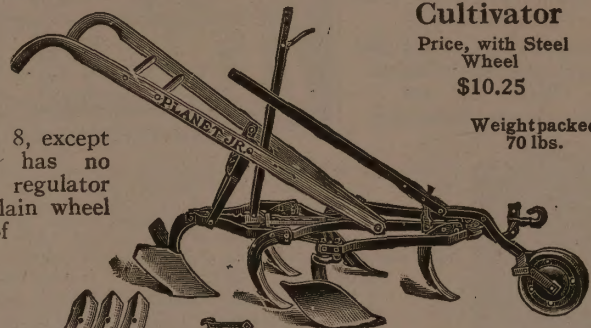
Complete with Steel
Wheel \$12.00
Weight, packed,
74 lbs.



It's a special favorite with strawberry growers market gardeners and truckers

No. 9 Planet Jr. Combined Horse Hoe and Cultivator

This Horse Hoe is identical with No. 8, except that it has no depth regulator and a plain wheel instead of lever wheel.



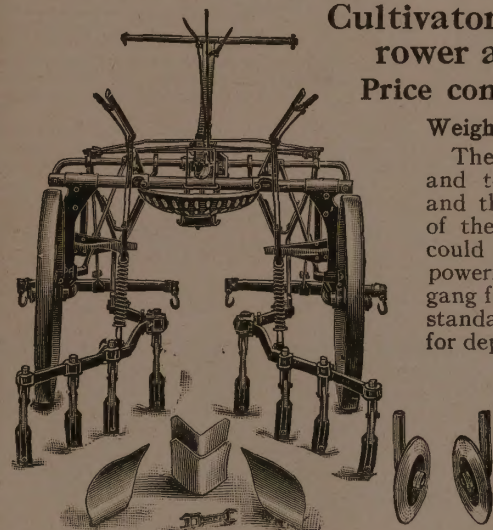
Price, with Steel
Wheel
\$10.25

Weight packed
70 lbs.

No. 76 Planet Jr. Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger

Price complete \$69.00

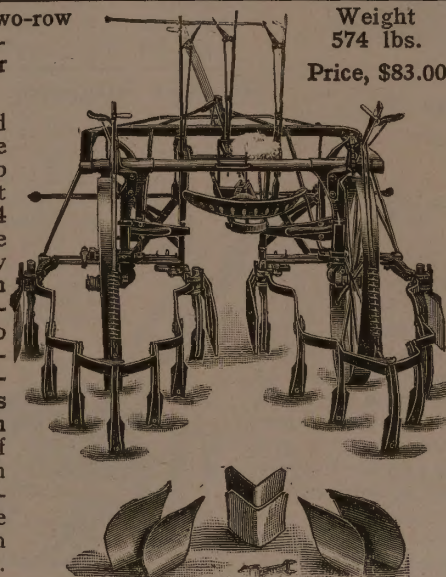
Weight, packed 526 lbs.



The arch is high, frame and tongue are of steel and the change in width of the wheels is all that could be desired. It has powerful levers, and the gang frame is strong. The standards are adjustable for depth, and to throw to or from the row. The extra wide arch is very desirable. The draft is arranged to insure satisfactory work in all conditions of soil.

No. 72 Planet Jr. Two-row Pivot Wheel Cultivator, Plow, Furrower and Ridger

With the improved No. 72 we complete the cultivation of two rows at one passage, at all widths from 28 to 44 in. inclusive, and the implement is especially built to do this when the rows are irregular. This tool is so designed that the operator can make changes in width of gangs instantly while in motion, by means of a handy lever for each gang, so as to accommodate the machine perfectly to rows which vary greatly in width.



Weight
574 lbs.
Price, \$83.00

Other Planet Jr. Tools

No. 12 Double Wheel Hoe, Cultivator and Plow.....	\$9.00
No. 13 Double Wheel Hoe.....	6.00

Planet Jr. Fire-Fly Garden Plow

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide, and one to three inches deep, and deeper by going twice. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed the row and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Price \$3.25

Planet Jr. Repairs.

We carry a complete stock of repairs at Brandon. Remember—every piece has a number, when ordering give this number and also the number of the machine it is to be used on. We list below a partial list of repairs most in demand. While we carry generous stocks, we furnish Repairs at prices quoted so long as stocks last. When necessary to import an order direct from the manufacturer, we are obliged to add to price quoted whatever the express charges are to Brandon.

Price Postpaid

C 16 Upper Spout No. 1 Combined Drill Seeder.....	\$ 1.10
C 23 Roller No. 1 Combined Drill Seeder.....	1.60
C 9 Drum No. 1 Seed Drill.....	3.10
R 3 Plow complete for Wheel Hoe and Combined Drills.....	2.70
R 5 Plow complete for Wheel Hoe and Combined Drills.....	2.70
K 248 Left Hand Seed Coverer.....	.55

Price Postpaid.

K 249 Right Hand Seed Coverer.....	\$.55
D 24 Leaf Lifter.....	.55
K 258 Leaf Lifter.....	.65
K 97 Spacing Wheel 6 teeth.....	.40
K 267 Spacing Wheel 1 and 3 teeth.....	.40
K 266 Spacing Wheel 2 and 4 teeth.....	.40
K 270 Opening Plow.....	1.00
K 280 Opening Plow.....	1.10
1258 Pinion Rod.....	.50
K 412 Wheel Hoe Frame.....	1.80

Price Postpaid

C Hoe Standard only.....	\$.55
D 1 Hoe Standard only.....	.55
552 C Hoe Steel, Left Hand, 4 1/2 inches.....	.50
553 D 1 Hoe Steel, Right Hand, 4 1/2 inches.....	.50
1092 C Hoe Steel, Left Hand, 6 inches.....	.60
1093 D 1 Hoe Steel, Right Hand, 6 inches.....	.70
1700 C Hoe Steel, Left Hand, 7 inches.....	.70
1701 D 1 Hoe Steel, Right Hand, 7 inches.....	.80
997 C Hoe Steel, Left Hand, 8 inches.....	.80
998 D 1 Hoe Steel, Right Hand, 8 inches.....	.80



The Standard Inoculation

FARMOGERM

High-Bred Nitrogen Gathering Bacteria.

A Real Live Germ developed from Alfalfa Bacteria

The only reason every practical farmer in Western Canada is not growing Alfalfa to-day is the fear of failure. In face of an almost insistent demand we have for years steadfastly refused to list practically every kind of known inoculation. We have in Farmogerm exactly what we have been looking for, longing for, for years. A Real Live Germ Alfalfa Bacteria, developed from germs taken right off Alfalfa Roots that were full of nodules. This is fed and developed until proper period is reached, and sent out of a jelly consistency in bottles of one and five acre size. If the easy followed directions are adhered to an increase of 200 to 400 per cent growth is attained for your Alfalfa which will thrive from the start and the field last for years.

As a fertilizer Farmogerm on a well developed field of alfalfa or clover will deposit not less than 1,000 lbs. nitrates.

Farmogerm is of no value to vegetable crops only leguminous plants.

One acre size, \$2.15; Five acre size, \$9.25; postage paid.

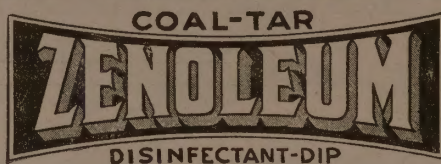
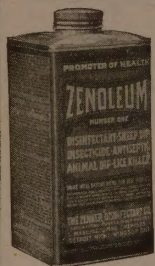


ALFALFA LIKES BACTERIA

World's Famous Coal Tar Animal Dip.

Endorsed by forty-two Agricultural Colleges.

Write for our Zenoleum Catalogue

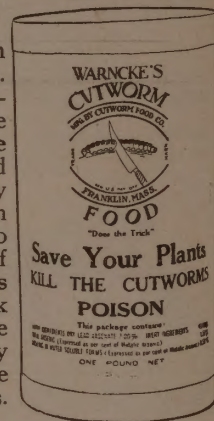


We believe Zenoleum is the best general live stock remedy for lice and vermin on all animals and positive disinfectant and cure for skin troubles, and external parasites in hogs and sheep. Our Guarantee: If Zenoleum is not what we represent it to be, we will refund your money. 8 oz. tin postpaid all other sizes by express at purchaser's expense.

- | | | | |
|------------|---------|-------|------------------|
| 8 oz. tin | .40; | makes | 6 gals. fluid. |
| 1 qt. tin | .60; | makes | 25 gals. fluid. |
| 2 qt. tin | \$1.00; | makes | 50 gals. fluid. |
| 1 gal. tin | 1.50; | makes | 100 gals. fluid. |
| 2 gal. tin | 2.75; | makes | 200 gals. fluid. |
| 4 gal. tin | 5.50; | makes | 400 gals. fluid. |

CUTWORM KILLER

There is no more exasperating insect pest with which the gardener contends, than the cut worm. All the work, expense and anticipation of financial returns are wiped out in a night. The cut worm in about three bites, kills the entire plant as effectively as though it were consumed root and branch. The field is so completely wrecked we wonder how they succeeded in finding so rapidly every plant. And all this is so easily avoided. Just drop a teaspoonful of Cutworm Food around each plant the day it is set out, or on each hill as the seedlings break through; and instead of eating the plants the worm eats a little of the Food and immediately dies. The Food will not injure the most delicate plant. One pound will protect 75 to 100 plants. 1 lb. .40 postpaid.



Price
\$5.00

Weight packed
36 lbs.

This machine has proved a great boon to Planters of large acreage. Cuts the weeds as fast as you wish to walk through the garden.

Any boy or girl can operate it easily and as successfully as their elders.

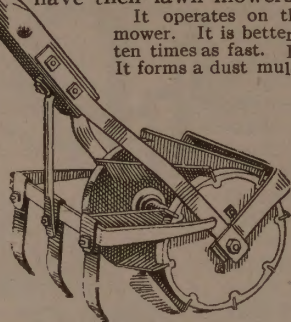
It cultivates either shallow or deep.

Barker Weeder and Mulcher.

The ever increasing sales of this handy cultivator indicates that it is filling a long felt want and that it is but a matter of a year or so until every home will have its "Barker Weeder" the same as they have their lawn mowers and seeders.

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. Cut your weeds in your garden once a week. It cuts the roots of weeds below the surface of the ground as well as the plant above the surface.

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. Cut your weeds in your garden once a week. It cuts the roots of weeds below the surface of the ground as well as the plant above the surface.



BRANDON SEED HOUSE GRASS SEEDER

This Wheelbarrow style of Seeder is especially designed for sowing grass seeds broadcast (all kinds) and fills a very important want in farming. No waiting for a calm day. Sow any time. The Hopper is carried so close to the ground that the wind does not blow and scatter the seed.

They sow any quantity per acre desired evenly and accurately. The complete machine weighs about 50 lbs. and runs easily, sowing from 20 to 40 acres per day. There are upwards of 200,000 of these machines in use. We have on hand 2 kinds

No. 8 for Brome Grass, Clover, Timothy, Alfalfa, Hungarian Millet, Rape and other seeds of same size and kinds. Has 10 ft. Hopper. Price of No. 8 \$12.50. No. 9 for Western Rye Grass, Clover, Timothy, Alfalfa, Hungarian Millet and Rape and any other seeds of same size and kind. Has 14 ft. Hopper. (The No. 9

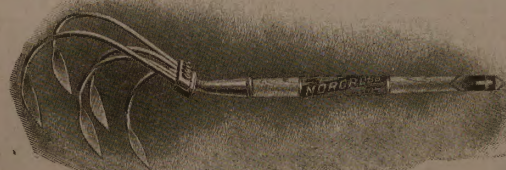
will not sow Brome Grass successfully) Price of No. 9 \$12.50.

The Wheelbarrow or Gearing is the same style for both No. 8 and 9. The difference is in the Hoppers.

We can supply both Hoppers and one Gearing if desired.



NORCROSS GARDEN CULTIVATOR



Loosening two nuts releases any one of prongs to be removed. Detaching centre shovel and reversing other four makes a potato digger. It pulls weeds, pulverizes the soil thoroughly, giving level cultivation.

Each .85. By Express at purchaser's expense.

EUREKA POTATO PLANTER

An inexpensive and highly practical tool. Plants at any depth. Operated from either right or left side. Considering the rapidity with which this tool plants, it would indeed be a small acreage that would not pay for it in half a day's time, to say nothing of the backaches saved. It certainly is a great improvement over the hoe.

The adjustable depth gauge attached to front jaw enables the planter to gauge the depth of planting.

Galvanized iron each \$1.50

By Express at purchaser's expense.



MIXTURES			
Timothy, 5 lbs.;	Red Clover.....	8 lbs.....	Per acre
Timothy, 5 lbs.;	Alsike.....	6 lbs.....	"
Timothy, 5 lbs.;	Alfalfa.....	15 lbs.....	"
Western Rye, 8 lbs.;	Red Clover.....	8 lbs.....	"
Western Rye, 8 lbs.;	Alsike.....	6 lbs.....	"
Western Rye, 8 lbs.;	Alfalfa.....	15 lbs.....	"
Timothy, 3 lbs.;	Western Rye, 5 lbs.;		"
Red Clover.....		8 lbs.....	"
Timothy, 3 lbs.;	Western Rye 5 lbs.;		"
Alsike.....		6 lbs.....	"
Timothy, 3 lbs.;	Western Rye, 5 lbs.;		"
Red Clover.....		5 lbs.....	"

THE WEST IS OUR FIELD

1916

WESTERN CANADA'S GREATEST SEED HOUSE